Sioux Chief

MANUFACTURING SINCE 1957

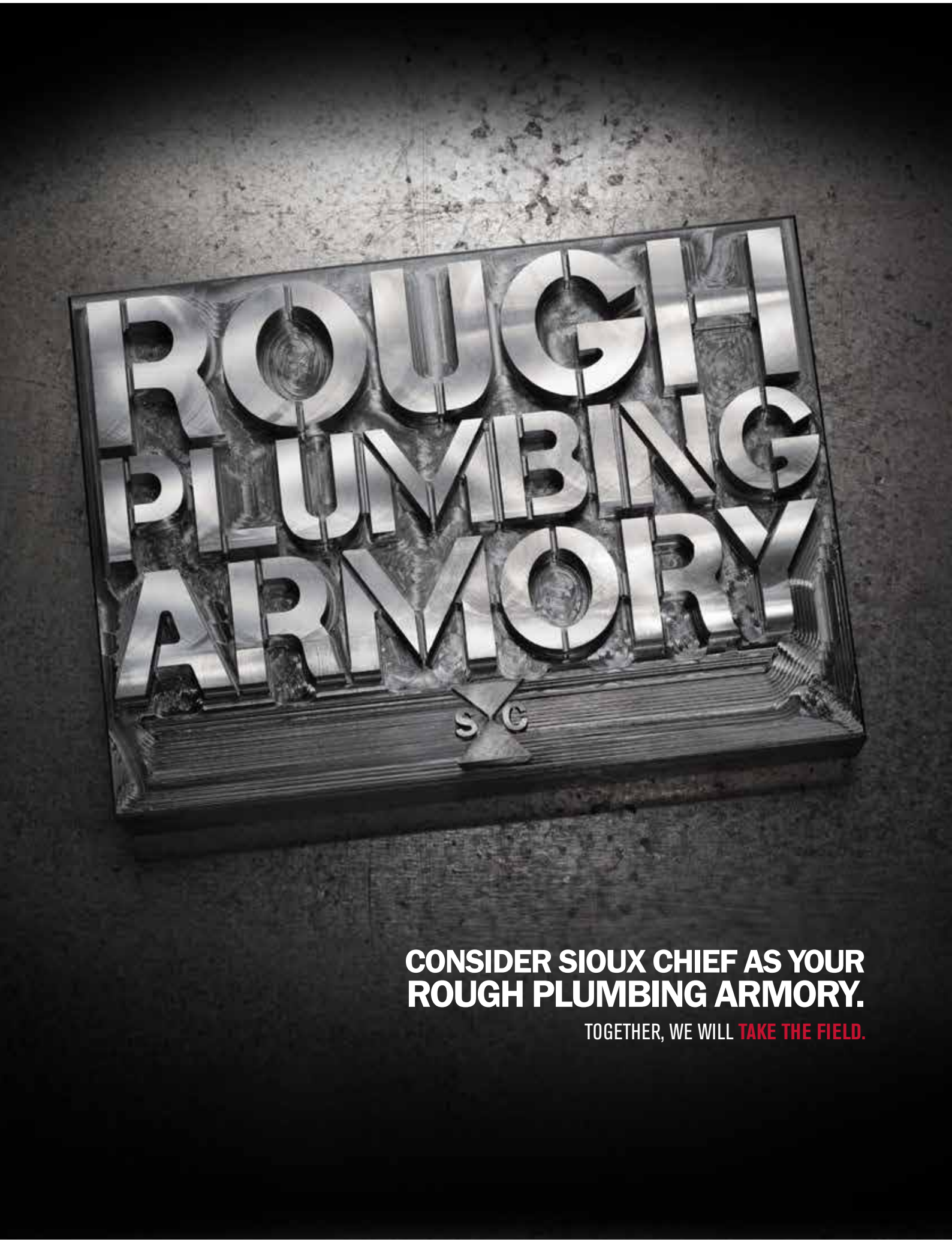


CATALOG 2013

SUPPLY

DRAINAGE

SUPPORT



CONSIDER SIOUX CHIEF AS YOUR ROUGH PLUMBING ARMORY.

TOGETHER, WE WILL **TAKE THE FIELD.**

2013 CATALOG

Sioux Chief wants you to win. That's what TAKE THE FIELD means. While it's just a slogan, it captures the essence of who we are and what we do.

Our products are designed to save the contractor time and money – before, during and after the rough plumbing installation. And when the contractor wins, we all win.

No matter what your role is in the rough plumbing industry, Sioux Chief will help you to build your business and brand.

Explore our catalog. Consider how you can use Sioux Chief to win. Together, we will take the field.

TAKE THE FIELD. SC



“After visiting your plant, we have decided to make changes in our operation to start using many of your products. We think that your products and your customer support is an excellent asset to our business.”

Ross Zacharzuk, President
Precision Plumbing Inc.

TABLE OF CONTENTS

FORWARD 05
About 05
Made in America 11
New Products 15
Introducing Tomahawk 21

SUPPLY 25
PowerPEX™ Systems 27
Specialized Supply 149
Arresters & Primers 223
Access 239
RoughUp™ Kits 261

DRAINAGE 279
Commercial 281
Residential 363
Testing 405

SUPPORT 417
Supply Hangers 419
DWV Hangers 439
Brackets 449

APPENDIX 479

PRODUCT DIRECTORY

SUPPLY

27 **PowerPEX™ Systems**
29 F1807
85 F2434 Failsafe™
87 F2159 AccuCrimp™
93 Viega® PEX Press®
99 F1960
121 F2080

149 **Specialized Supply**
151 CPVC
171 PVC
177 Sweat
209 Fit Quick™ Push Fittings
217 F1380 Polybutylene

223 **Arresters & Primers**
225 Arresters
234 Trap Primers

239 **Access**
243 Laundry Boxes
245 Ice Maker Boxes
247 Lavatory Boxes
248 Toilet/Dishwasher Boxes
252 Gas Boxes
254 Accessories
258 Panels

261 **RoughUp™ Kits**
264 ShowerUp™
272 HeatUp™

DRAINAGE

281 **Commercial**
283 On-Grade Drains
301 Floor Sinks
311 Flashing Drains
329 Roof Drains
337 Cleanouts
355 Commercial Accessories

363 **Residential**
365 Shower Drains
375 Floor Drains
383 Closet Flanges
391 Backwater Valves
395 Air Admittance Valves
399 Residential Accessories

405 **Testing**
407 Test Devices
415 Gauges & Accessories

SUPPORT

419 **Supply Hangers**
421 Plastic CTS
433 Metal CTS/IPS
437 Anchors & Fasteners

439 **DWV Hangers**
441 Extension Hangers
445 Hanger Straps
447 Ground Stakes

449 **Brackets**
451 Stub Out Brackets
464 Commercial Brackets
477 Accessories



Printed in the USA. Please recycle.

ABOUT

MANUFACTURING SINCE 1957 06

Sioux Chief History
Mission Statement
A Leader in Manufacturing
The Sioux Chief Name

TIMELINE 08

MARKS, INSIGNIA & CODES 10

Hourglass Mark
List Price Disclaimer
Packaging Codes

Sioux Chief

Manufacturing Since 1957

Sioux Chief History

Sioux Chief Mfg. Co. Inc. was founded and incorporated in August 1957, by the late Martin E. “Ed” Ismert Jr., and got its start packaging specialty fasteners and other items geared toward residential plumbing jobs. In the early ’60s, Ed borrowed the idea of spinning copper tube closed for simple air chambers and adapted it for stub outs that could be used by plumbers. This preformed copper tube saved plumbers from sweat soldering tube caps onto their copper tube for water shock and test-off purposes.

By 1975, a heavy emphasis on sales and new product development began when Ed’s two eldest sons purchased the corporation and took over operations. Since then Sioux Chief has welcomed the third generation of family members to the team and has introduced a wide range of innovative products.

Sioux Chief began its operations in a 3,000 square foot third floor area of Double I Supply, a plumbing wholesaler in the Kansas City, Kansas, west river bottoms, from 1957 to 1967. After moving to Kansas City, Missouri, from 1967 to 1969, Sioux Chief grew into a 10,000 square foot building in Grandview, Missouri, from 1970 until 1983. In 1983, the corporation purchased its own building for the first time, a 23,000 square foot plant, warehouse and office south of Peculiar, Missouri. Today this plant/warehouse/office has grown to occupy more than 300,000 square feet on 140 acres.

Mission Statement

Sioux Chief’s primary purpose is to provide better value to our customer by offering innovative products of quality and superior customer service to the professional plumbing and mechanical contractor through qualified distributors. We do this by going about our daily duties safely, conscious of our best quality and in our most productive manner.

At Sioux Chief, our customer is our chief. The managers here do not pay the wages, they only route the revenue for growth. It is our customers who pay our wages with their continued good will and loyalty. We will never assume that loyalty. We strive every day to improve quality and service for our customer, and we put all of our hearts, minds and bodies into this improvement.

A Leader in Manufacturing

Sioux Chief is dedicated to creative manufacturing and new product development. Our goal, as an American innovator, is to make plumbing installation easier, more effective and more efficient.

The values upon which the late Ed Ismert founded Sioux Chief continue to be the driving forces behind the company today: concern for the plumbing tradesman, a culture based on family and a dedication to continuous improvement.

Sioux Chief creates and manufactures some of the most diverse and innovative plumbing products in the country. We focus on product innovation initiated by field research and interviews with plumbers, engineers, code officials and distributors.

We turn ideas into a product quickly because we design and build our own machines, tools and dies, and equipment to ensure that exact product tolerances are achieved. Process innovation also controls manufacturing costs, providing constant, reliable value to the customer, year after year.



1970 | Ted Ismert, Mike Lafferty, Mike Ismert & Bill Ismert



The Sioux Chief Name

Sioux Chief's founder, Martin E. "Ed" Ismert Jr., was greatly interested in Western Americana. Ed's father, Martin Sr., was a collector and Midwest authority on Western and Native American artifacts in the 1930s, '40s and '50s. When the time came to name his new company, Ed looked to all he had learned from his father about the Sioux Indian Nation. The Sioux Nation were a very proud and resolute people who, while being fierce and competitive, held in highest regard the family, the Earth and especially Wakan Tanka, the Great Spirit. Ed commissioned his brother Bud, an artist who studied under Thomas Hart Benton, to draw the "Young Determined Sioux Chief" in full ceremonial dress as the logo for his young determined company. Sioux Chief Manufacturing, being named and patterned after such a distinctive people, would put forth an image not easily forgotten.

PRODUCT TIMELINE

1963
Stub Out



1967
Tub Spout
Elbow



1978
Stub Out Elbow



1981
Tube Talon



1986
BranchMaster
HearthMaster



1989
Mini-Rester



1991
Pipe Titan



1992
Stub Air
Twin Talon



1995
HearthMaster Ball Valves



1996
TKO
PEX Fittings



1998
Padlock
CPVC Fittings
Suspensulator



1960 **1980** **1990** **1995**

1974
Plumb
Perfect



1968
Slip Male
Adapter Long Branch



1980
Sioux Strap



1982
Weld One



1987
Hydra-Rester



1988
Repair Coupling
Sawhorse



1990
Quad Drain



1993
Test Titan



1994
Hangs Tuff



1997
TouchDown
ZipStick
Grid Iron



1999
Shower Wallnut
TouchDown II
Prime Perfect



2001
Square Max



2003
Grip Tip
Add-A-Line
Secure-All
Push Tite



2005
Pick-Up Talon
Sidewinder



2006
Ox Box
Finish Line
PVC Fittings



2009
F2080 PowerPEX Fittings
Gas Ox Box
Push Tite
Double Duty Test Plug
Roof Drains



2010
TurboVent
Access Panel
Stainless Steel Finish Line
AccuCrimp and V-Sleeve



2012
ProCheck
SS Shallow Ox Box
Simple Strap
Power Bar Mini Strut
Round-to-Square Adapter
AccuCrimp Manifolds



2000 2005 2010 2012

2000
Pipe Eye



2002
Shower-Up
Tomahawk
Stainless Ring TKO



2004
Stick-Em Up
Drop-Kick
Full Flush
Power Bar



2008
Strong Arm with Lock Block
Edge Clamp
Totem
BiFolator
A1 Bracket
Halo Drain
Full Flush TKO
Finish Line



2007
Male CPVC Mini-Rester
InFlow



2011
Main Block
Bumper Pad
Corrugated Connectors
CPVC Body DE Ell
CPVC MIP & FIP
Polished Stainless Strainers
F1960 PowerPEX Fittings



MARKS, PACKAGING CODES & DISCLAIMER

Hourglass Mark

The Sioux Chief Mark is used on products when the Indian Head cannot be produced clearly. The Mark draws its design from the Lakota symbol for Earth and Sky, the essence of Man's existence. In using it, we are reminded that our duty here is to, every day, improve the human condition and give greater glory to God.

List Price Disclaimer

All prices quoted by Sioux Chief Manufacturing are subject to change without notice up to time of shipment. Invoice totals and discounts will be calculated out to the fourth decimal digit. Any price discrepancies by Buyer must be brought to the attention of Seller within 60 days' notice, after which Sioux Chief's invoice price calculation prevails.

Packaging Codes

The Packaging column highlights purchasing options (see PKG column) while keeping similar products in consecutive rows. Codes for the Packaging column are repeated at the bottom of each spread.

B: Bulk | **C:** Cut Case | **D:** Dispenser Box | **T:** Tube
***:** Individually Bar-Coded



MADE IN AMERICA

MAKING IT IN AMERICA 13
Sioux Chief the Manufacturer
We're Making it in America
Quick Facts



“Because of your commitment to America I can assure you we will give Sioux Chief preferential consideration when purchasing inventory for our facility. I appreciate both your patriotism and your loyalty to the people of our great country.”

Russ Knight, VP
Gulf Coast Plumbing and Electrical Supply Inc.

Sioux Chief

Making it in America

Sioux Chief the Manufacturer

Sioux Chief creates and manufactures some of the most diverse and innovative plumbing products in the country. We focus on product innovation initiated by field research and interviews with plumbers, engineers, code officials and distributors.

We turn ideas into a product quickly because we design and build our own machines, tools and dies, and equipment to ensure that exact product tolerances are achieved. Process innovation also controls manufacturing costs, providing constant, reliable value to the customer, year after year.

Our primary purpose as an American manufacturer is to provide better value to the customer by offering innovative products of quality with superior customer service to the professional plumbing and mechanical contractor. Our goal, as an American innovator, is to make plumbing installation easier, more effective and more efficient, saving the contractor time and money before, during and after the rough plumbing installation.

Focusing on product innovation initiated by field research with plumbers, engineers, code officials and distributors, Sioux Chief creates and manufactures some of the most diverse and innovative plumbing products in the country.

No matter what your role is in the rough plumbing industry, Sioux Chief will help you build your business and brand.

See what it means to be American Made, from development to implementation.

We strive every day to meet the demands of the rough plumbing industry with innovation, quality and the American spirit.

We're Making it in America

Sioux Chief is a Buy American Compliant company located in Peculiar, Missouri. We have always supported the American worker by creating jobs and by making virtually all of our products in America from the beginning. As a leading manufacturing of rough plumbing products in Supply, Drainage and Support, Sioux Chief will remain vigilant for the manufacture of American products with American materials.

Sourcing manufactured goods in America has changed dramatically over the last few decades, with many manufacturers, distributors and users choosing less expensive imported products. Imported products generally include added costs not accounted for at the time of purchase or order. Long lead times, product quality problems, damaged shipments and code compliance. The biggest cost though is the effect to America's overall economy, that being the loss of jobs.

Sioux Chief manufactures more than 90% of the products we sell, employing more than 350 Americans in the process. We design, build and maintain all of our own copper tube forming tools, machines, plastic injection molds, packaging, cleaning and testing equipment as we produce the highest quality American-made plumbing parts. We keep production costs low and minimize down time, delivering a consistently good value and 99% fill rates to you, our customer.

Green Initiative supporters should note that the total carbon footprint of a part made in America is half that of a part made in China and shipped to the USA.

American manufacturing generates almost 12% of the U.S. gross domestic product. It accounts for 60% of our exports and employs nearly 12 million people. 70% of U.S. dollars spent on research and development come from the manufacturing sector.

Buy American when you can. We will succeed as Americans when you do!

QUICK FACTS

- Sioux Chief began in 1957
- Located in the Heartland in Peculiar, Missouri — centrally located to deliver product to either coast in 2 days.
- Sioux Chief employs 350 people
- Sioux Chief is a third generation family owned business
- Sioux Chief's flagship product was the stub out elbow in 1961



"It's not hard to see how Sioux Chief has achieved the top notch reputation it has after touring your plant. We have always thought that your products were of good quality, but I was amazed to see that you really walk the walk on Q.A. In this day of super automation, not many manufacturing companies have the hands on quality control that you showed me."

Rick Sperando, President
Black Diamond Plumbing

NEW PRODUCTS

SUPPLY 17

DRAINAGE 18

SUPPORT 19



“There is nothing in the market that can take its place. Simply the best product out there.”

Doug Jones, President
Schulties Plumbing

Sioux Chief

NEW PRODUCTS



PowerPEX™
V-Sleeve™
p 32



PowerPEX™
Dishwasher Connector
p 45



PowerPEX™
Corrugated Connectors
p 56



PowerPEX™
Slab Manifolds
p 76



PowerPEX™
F1807 Multi-Size Crimp Tool
p 81



PowerPEX™
V-Sleeve™ Compact Crimp Tool
p 82



PowerPEX™
Stainless Steel PEX Tube Insert
p 83



PowerPEX™
AccuCrimp™ Fittings
p 87



PowerPEX™
AccuCrimp™ Manifold
p 91



PowerPEX™
F1960 Fittings
p 99



PowerPEX™
F2080 Fittings
p 121



PowerPEX™
No Lead F2080 Fittings
p 121



PowerPEX™
F2080 Compression Tool
p 146



PowerPEX™
F2080 Expander Tool
p 146



PowerPEX™
F2080 Combo Tool
p 147



PowerPEX™
F2080 Tool Kits
p 147



PowerPEX™
F2080 H2 Hydraulic Tool & Head for Compression & Expansion
p 148



CPVC
MIP & FIP
p 154



CPVC
No Lead Tub/Shower Elbow
p 156



Sweat
Dishwasher Connector
p 183



Fit Quick™
Push Fittings
p 209



ETP
Electronic Trap Primer
p 237



ETP
Electronic Trap Primer
p 237



ETP
Electronic Trap Primer
p 238



Ox Box™
Lavatory Box
p 247



Ox Box™
ONE box™
p 253



SpecBox™
Stainless Steel Shallow
p 256



Access Box Valves
Laundry Long-Shank Valves
p 257

Over/Under™
Access Panels
p 258



Metal Access Panel
Hinged Two Piece
p 259



Fat Max™
Round Floor Sink
p 306



Little Max™
Compact Round Floor Sink
p 308



Cast Iron Round Floor Sink
p 309



Halo™ Drain
Adjustable Floor Drain
p 327



Halo™ Drain
Adjustable Floor Drain with Finish Line™ Option
p 328



Roof Drain & Overflow
p 331



Halo™ Cleanout
Adjustable Cleanout with Deck Flange
p 346



Halo™ Cleanout
Adjustable Cleanout with Deck Flange
p 347



Shower Pan Drain
with Double Duty™ Test Plug
p 366



Round-to-Square Strainer Adapter
p 368



Shower Pan Drain
Cast Metal Ring and Strainer
p 368



Shower Pan Drain
Large Capacity, Cast Metal Ring & Strainer
p 369



StreamLine™
Linear Shower Drain
p 370



Weld One™
Integral Trap Floor Drain
p 376



Push Tite™
Gasketed Closet Flange
p 385



ProCheck™
Backwater Valve
p 392



TurboVent™
Air Admittance Valve with Dual Fit Adapter
p 396



Main Block™
Offset CTS Pipe Clamp
p 429



Strong Arm™
For Narrow Stud Bays
p 451



Simple Strap™
p 459



Solder Straps™
Copper-Eared Tube Hanger
p 463



Chase Bracket
p 465



Power Bar Mini Strut™
p 468



Deck Anchors
p 471



Split Ring Hangers
p 473



Water Heater Stands
p 477



INTRODUCING TOMAHAWK

TOMAHAWK

The Idea

Why Tomahawk?

The Logo

New Communication

Customer Service

QUICK FACTS

- Tomahawk is a brand by Sioux Chief
- Email us at info@goTomahawk.com
- Call us at 800-821-3944 or 816-779-6104
- Visit our website at www.goTomahawk.com
- Check us out on Twitter, Facebook and YouTube



tomahawk
OUR SPECIALTY/// YOUR EDGE

Tomahawk – Another Sioux Chief Innovation

As a new brand in the Sioux Chief family, Tomahawk represents a more concentrated focus upon our Specialty and Tool items that are built upon the strong foundation and legacy of Sioux Chief.

Over the years, the specialty lines developed independently into three solid product categories:

- plumbing specialty
- gas specialty
- tools

These categories have been home to several respected industry mainstays, such as Plumb Perfect closet bolts, the HearthMaster™ Log Lighter products, and the Smart Spout™ replacement tub spout.

Sioux Chief set the cornerstone for success in plumbing specialty with these and other products. Tomahawk is built on that success.

Why Tomahawk?

Sioux Chief rough plumbing products often require additional Specialty items and tools to finish the installation.

For years, you have relied on Sioux Chief to produce and carry these vital extras that enable you to finish the job to a high standard. Our innovative and tested specialty plumbing products, gas products and tools have given you an edge in the field because they equal labor savings, quality and reputation building — and your business has grown. As a result, Sioux Chief has grown.

And while we have all gone about our regular business each day, our specialty plumbing and gas products and tool offerings have also quietly and consistently grown.

Today, these products represent a business in its own right, one that supports Sioux Chief's Supply, Drainage and Support categories and yet is worthy of its own name and brand — Tomahawk.

Our Tomahawk brand promise is to continue to provide and expand our offering in quality, innovative specialty plumbing and gas products and tools for you.

Our Specialty. Your Edge.

The Logo

The tomahawk is a serious tool. What you see in the Tomahawk logo is merely the head of a tomahawk, formed in the white space, connecting with its mark, which is a cutting edge — the kind of edge we want you to have as a result of relying on the Tomahawk brand.

New Communication

Tomahawk is working hard to supply you with the right information at the right time. From our new website and online catalog experience, to our information-packed posts that help build your business and brand via our social media presence on Facebook, YouTube and Twitter — you can connect with industry professionals, learn from our product videos or simply stay up-to-date.

Our Specialty + (Right Information @ the Right Time) = Your Edge.

Customer Service

The launch of Sioux Chief's new Tomahawk brand focuses on plumbing specialty, gas specialty and tools.

With this change, it is important to know that your customer service experience will remain the same.

Tomahawk, including both the new catalog and website, is fully supported by the same Sioux Chief customer service and sales processes, pricing programs, shipping services and product warranties.

Contact us anytime for additional information at 800-821-3944 or 816-779-6104, info@goTomahawk.com or www.goTomahawk.com.

Tomahawk wants you to gain an edge in the field. Our quality lines of plumbing specialty, gas specialty and tools will help you do just that.

Our focus on product innovation shapes new ideas for labor savings before, during or after an installation.

Our quality-tested solutions for finish plumbing provide the professional plumber peace of mind and helps you successfully build your brand, win bids and make profits.

The face of plumbing specialty is changing.

TOMAHAWK.
OUR SPECIALTY. YOUR EDGE.

SUPPLY

PowerPEX™ SYSTEMS
F1807 + Other PEX Crimp
F1960
F2080

SPECIALIZED SUPPLY
CPVC
PVC
Sweat
Fit Quick™ Push Fittings
F1380 Polybutylene

ARRESTERS & PRIMERS
Arresters
Trap Primers

ACCESS
Laundry Boxes
Ice Maker Boxes
Lavatory Boxes
Toilet/Dishwasher Boxes
Gas Boxes
Accessories
Panels

RoughUp™ KITS
- ShowerUp™ Kit
- HeatUp™ Kit



"I have been using Sioux Chief's products for nearly 20 years. The quality of these products is among the best in the industry. GMI has been a leader in our industry for years, in big part for using products such as Ox Boxes, water heater connectors, PEX fittings, etc. It's always my pleasure dealing with a company that places emphasis on high standards of quality control as well as the development of both cost- and time-effective products."

Steven J. Symons, Vice President
GMI First Mechanical Solutions

PowerPEX™ SYSTEMS

F1807
+ Other PEX Crimp
F2434 Failsafe™
F2159 AccuCrimp™
Viega® PEX Press®

F1960

F2080

Fitting Freedom

As the only manufacturer offering all three major PEX fitting systems – F1807 (and F2159), F1960 and F2080, Sioux Chief gives the contractor the power to choose and puts him or her back at the center of PEX plumbing. This level of choice turns PEX on its head. We have given this rough plumbing revolution a name: **PowerPEX™.**



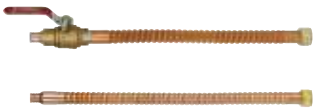
PowerPEX™
V-Sleeve™
p 32



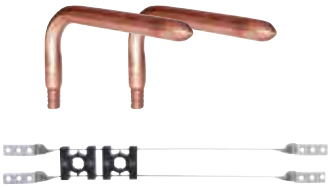
PowerPEX™
F1807 Fittings
p 33



PowerPEX™
F1807 Stub Outs
p 50



PowerPEX™
F1807 Water Heater Connectors
p 54



PowerPEX™
F1807 Kits
p 62



PowerPEX™
F1807 Manifolds
p 67



PowerPEX™
F1807 Tools
p 81



Other PEX
F2434 Failsafe™ Fittings
p 85



Other PEX
F2159 AccuCrimp™ Fittings
p 87



Other PEX
F2159 AccuCrimp™ Manifolds
p 91



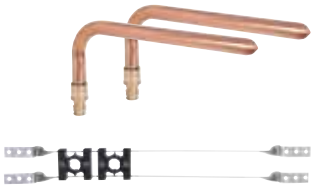
PowerPEX™
Viega® PureFlow®
p 93



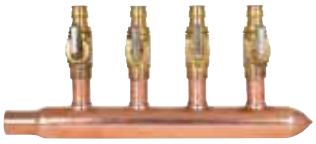
PowerPEX™
F1960 Fittings
p 102



PowerPEX™
F1960 Water Heater Connectors
p 112



PowerPEX™
F1960 Kits
p 116



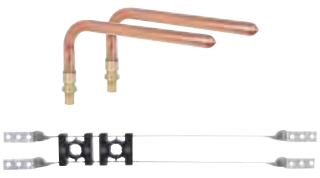
PowerPEX™
F1960 Manifolds
p 119



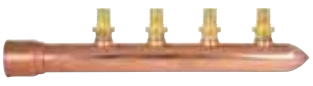
PowerPEX™
F2080 Fittings
p 124



PowerPEX™
F2080 Water Heater Connectors
p 136



PowerPEX™
F2080 Kits
p 140



PowerPEX™
F2080 Manifolds
p 143



PowerPEX™
F2080 Tools
p 146

POWER PEX™ ASTM F1807

RINGS

DIRECTIONALS

COUPLINGS

ADAPTERS/CONNECTORS

PLUGS

PREFORMED COPPER

VALVES

WATER HEATER CONNECTORS

KITS

MANIFOLDS

TOOLS



OTHER PEX CRIMP

- F2434 Failsafe™
- F2159 AccuCrimp™
- Viega® PEX Press®

Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass Product Availability and PEX Fitting Options

Sioux Chief no longer builds stock or produces leaded brass for F1807, F1960, F2080 or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

Sioux Chief has made the investment in no lead brass inventory for the majority of our current products. This inventory is currently available in various alloys including no lead compliant and dezincification resistant C69300 material.

F1807 PEX, F1960 PEX and F2080 PEX are offered under the PowerPEX™ brand as fully compliant and listed standard brass (traditional 360 and 377 brass fittings) as well as the above-mentioned no lead and dezincification resistant brass. Sioux Chief's F1807 line of fittings is also offered in copper and remains an economical and perfect solution to no lead and dezincification issues.

All Sioux Chief no lead compliant PEX products, F2159 poly alloy fittings and F1807 copper fittings already meet the above national mandates for Jan. 4, 2014. Sioux Chief's current listed no lead inventory, copper stub outs, copper PEX F1807 fittings and the majority of our preformed copper (PFC) solutions are naturally no lead, are not prone to dezincification and offer natural anti-microbial properties. For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

PowerPEX™ ASTM F1807 Fitting System

Engineered to Maximize Quality and Economy

Quality
Proven Connection
Economical
Domestic
Complete
Premium Warranty

Sioux Chief's PowerPEX™ ASTM F1807 fitting system is designed for a quality installation, savings and speed and with a commitment to US manufacturing. The F1807 fitting system meets CSA B137.5, NSF and ASTM F877 systems Standards. The quality of the Sioux Chief F1807 fitting system improves your brand of rough plumbing.

Quality. Sioux Chief takes pride in the F1807 system, which is made from the highest-quality materials, in the highest-quality manufacturing facilities and to the tightest design specifications.

Proven Connection. The copper crimp ring or the F877 V-Sleeve™ secures with 360˚ of compression around all of the sealing barbs. These time-tested PEX solutions provide a secure, immediately testable and permanent connection.

Economical. F1807 "insert fittings" are often less expensive than alternate PEX system components.

Domestic. Fittings, rings and engineered components are domestically manufactured from domestic material.

Complete. F1807 fittings are available in multiple materials to suit any installation habit or water condition. The system encompasses many installation and removal tool configurations for ease of use and affordable tool requisition. Fittings are available from 3/8" - 2" for any plumbing or radiant heat application.

Premium Warranty. Sioux Chief's world-class, 25-year limited lifetime warranty is rare. Not only are all products in the F1807 fitting system covered, they are covered even when used in conjunction with other manufacturers' pipe or fittings. Visit siouxchief.com for more information.

Millions of Sioux Chief F1807 fittings and crimp rings are installed throughout North America annually.

Sioux Chief is proud to offer the PowerPEX F1807 fitting system. We believe in it, and so do thousands of plumbers. They have shown F1807 is a solid investment that returns profits. History has shown F1807 will do the same for you.



OTHER PEX CRIMP

- F2434 Failsafe™
- F2159 AccuCrimp™
- Viega® PEX Press®



649X2

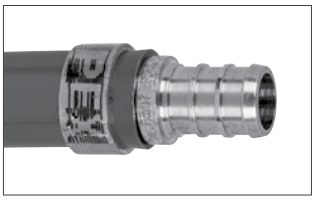
PowerPEX™
PEX Crimp Ring

- Pure, annealed copper rings
- For use with PEX SDR9 piping only
- Do not use with PB pipe

Related Products
PEX crimp tools *p 81*



Item No	Description	Pkg	Min Qty	Case Qty	List Price
649X1	⅜" PEX	B	100	1000	0.25 EA
649X1PK2	⅜" PEX, 25/bag	C*	6	6	6.50 BG
649X2	½" PEX	B	100	1000	0.21 EA
649X2PK2	½" PEX, 25/bag	C*	24	24	5.58 BG
649X2PK3	½" PEX, 100/bag	C*	10	10	22.30 BG
649X3	¾" PEX	B	100	500	0.28 EA
649X3PK2	¾" PEX, 25/bag	C*	12	12	7.33 BG
649X3PK3	¾" PEX, 100/bag	C*	10	10	29.30 BG
649X4	1" PEX	B	25	250	0.47 EA
649X4PK2	1" PEX, 10/bag	C*	10	10	4.80 BG
649X5	1¼" PEX	B	25	250	2.40 EA
649X6	1½" PEX	B	25	250	3.31 EA





649TX2



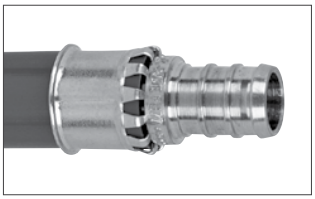
649TX4

PowerPEX™
V-Sleeve™

Stainless Steel PEX Compression System

Patent# 8,123,257

- V-Sleeves™ are to be used with ASTM F1807 and F2159 PEX fittings in conjunction with any SDR9 PEX tubing manufactured to the ASTM F876 or ASTM F877
- Visibility of tube fully inserted in sleeve and to tube stop on fitting
- 360° visibility of crimped sleeve
- 360° compression on all sealing surface areas
- Sleeve can be pre-loaded onto fitting or tube
- V-Sleeve must be installed using a Sioux Chief 305-8_TX compression tool
- Third-party tested to ASTM F877, UPC listed



Related Products
V-Sleeve PEX crimp tools *p 82*



Item No	Description	Pkg	Min Qty	Case Qty	List Price
649TX2	½" stainless steel PEX sleeve	B	100	1000	0.35 EA
649TX3	¾" stainless steel PEX sleeve	B	100	500	0.46 EA
649TX4	1" stainless steel PEX sleeve	B	25	250	0.81 EA

PowerPEX™

Copper Elbow

- Tube stops formed into each fitting
- One-piece copper
- Longer radius bend for increased flow characteristics



642X1

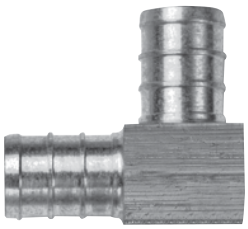
Item No	Description	Pkg	Min Qty	Case Qty	List Price
642X1	⅜" F1807 × ⅜" F1807	B	25	250	1.96 EA
642X1PK2	⅜" F1807 × ⅜" F1807, 2/bag	C*	20	20	4.01 BG
642X2	½" F1807 × ½" F1807	B	25	250	1.22 EA
642X2PK2	½" F1807 × ½" F1807, 2/bag	C*	20	20	2.74 BG
NEW 642X2PK3	½" F1807 × ½" F1807, 25/bag	C*	10	10	31.75 BG
642X23PK2	½" F1807 × ¾" F1807, 2/bag	C*	20	20	9.51 BG
642X3	¾" F1807 × ¾" F1807	B	25	250	1.99 EA
642X3PK2	¾" F1807 × ¾" F1807, 2/bag	C*	20	20	4.28 BG
NEW 642X3PK3	¾" F1807 × ¾" F1807, 25/bag	C*	10	10	51.00 BG
642X4	1" F1807 × 1" F1807	B	25	25	6.02 EA
642X4PK2	1" F1807 × 1" F1807, 2/bag	C*	20	20	12.34 BG
642X43	1" F1807 × ¾" F1807	B	25	25	7.22 EA

NO LEAD

PowerPEX™

No Lead Brass Elbow

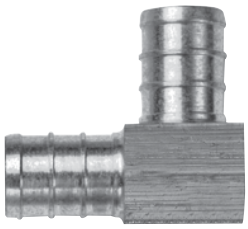
- One-piece no lead brass



642XG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642XG1	⅜" F1807 × ⅜" F1807	B	25	250	3.50 EA
642XG23	¾" F1807 × ½" F1807	B	25	250	5.56 EA
642XG2	½" F1807 × ½" F1807	B	25	250	2.41 EA
642XG3	¾" F1807 × ¾" F1807	B	25	250	4.33 EA
642XG4	1" F1807 × 1" F1807	B	25	25	9.68 EA
642XG43	1" F1807 × ¾" F1807	B	25	25	12.15 EA

NO LEAD

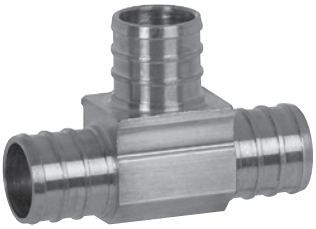


642XB2

PowerPEX™
Brass Elbow

• One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642XB1	⅜" F1807 × ⅜" F1807	B	25	250	2.54 EA
642XB23	¾" F1807 × ½" F1807	B	25	250	3.86 EA
642XB2	½" F1807 × ½" F1807	B	25	250	1.76 EA
642XB3	¾" F1807 × ¾" F1807	B	25	250	2.99 EA
642XB4	1" F1807 × 1" F1807	B	25	25	7.00 EA
642XB43	1" F1807 × ¾" F1807	B	25	25	9.00 EA



641XG333

PowerPEX™
No Lead Brass Tee

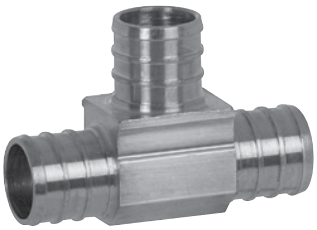
• One-piece no lead brass

Item No	Description (Branch × Branch × Tee)	Pkg	Min Qty	Case Qty	List Price
641XG111	⅜" F1807 × ⅜" F1807 × ⅜" F1807	B	50	500	4.42 EA
641XG111PK1	⅜" F1807 × ⅜" F1807 × ⅜" F1807, 1/bag	C*	25	25	4.67 BG
641XG222	½" F1807 × ½" F1807 × ½" F1807	B	50	500	3.22 EA
641XG222PK1	½" F1807 × ½" F1807 × ½" F1807, 1/bag	C*	25	25	3.47 BG
641XG223	½" F1807 × ½" F1807 × ¾" F1807	B	20	200	5.61 EA
641XG223PK1	½" F1807 × ½" F1807 × ¾" F1807, 1/bag	C*	25	25	5.86 BG
641XG322	¾" F1807 × ½" F1807 × ½" F1807	B	20	200	5.81 EA
641XG323	¾" F1807 × ½" F1807 × ¾" F1807	B	20	200	5.80 EA
641XG323PK1	¾" F1807 × ½" F1807 × ¾" F1807, 1/bag	C*	25	25	6.05 BG
641XG332	¾" F1807 × ¾" F1807 × ½" F1807	B	20	200	5.81 EA
641XG332PK1	¾" F1807 × ¾" F1807 × ½" F1807, 1/bag	C*	25	25	6.06 BG
641XG333	¾" F1807 × ¾" F1807 × ¾" F1807	B	20	200	5.82 EA
641XG333PK1	¾" F1807 × ¾" F1807 × ¾" F1807, 1/bag	C*	25	25	6.07 BG
641XG442	1" F1807 × 1" F1807 × ½" F1807	B	20	200	10.95 EA
641XG442PK1	1" F1807 × 1" F1807 × ½" F1807, 1/bag	C*	25	25	11.20 BG
641XG443	1" F1807 × 1" F1807 × ¾" F1807	B	20	200	10.46 EA
641XG443PK1	1" F1807 × 1" F1807 × ¾" F1807, 1/bag	C*	25	25	10.71 BG
641XG444	1" F1807 × 1" F1807 × 1" F1807	B	20	200	12.38 EA
641XG444PK1	1" F1807 × 1" F1807 × 1" F1807, 1/bag	C*	25	25	12.63 BG

PowerPEX™

Brass Tee

- One-piece standard brass



641XB333

Item No	Description (Branch × Branch × Tee)	Pkg	Min Qty	Case Qty	List Price
641XB111	⅜" F1807 × ⅜" F1807 × ⅜" F1807	B	50	500	2.86 EA
641XB111PK2	⅜" F1807 × ⅜" F1807 × ⅜" F1807, 1/bag	C*	20	20	3.11 BG
641XB222	½" F1807 × ½" F1807 × ½" F1807	B	50	500	1.85 EA
641XB222PK2	½" F1807 × ½" F1807 × ½" F1807, 1/bag	C*	20	20	2.10 BG
641XB223	½" F1807 × ½" F1807 × ¾" F1807	B	20	200	3.77 EA
641XB223PK2	½" F1807 × ½" F1807 × ¾" F1807, 1/bag	C*	20	20	4.02 BG
641XB322	¾" F1807 × ½" F1807 × ½" F1807	B	20	200	3.64 EA
641XB322PK2	¾" F1807 × ½" F1807 × ½" F1807, 1/bag	C*	20	20	3.89 BG
641XB323	¾" F1807 × ½" F1807 × ¾" F1807	B	20	200	3.34 EA
641XB323PK2	¾" F1807 × ½" F1807 × ¾" F1807, 1/bag	C*	20	20	3.59 BG
641XB332	¾" F1807 × ¾" F1807 × ½" F1807	B	20	200	3.39 EA
641XB332PK2	¾" F1807 × ¾" F1807 × ½" F1807, 1/bag	C*	20	20	3.64 BG
641XB333	¾" F1807 × ¾" F1807 × ¾" F1807	B	20	200	3.44 EA
641XB333PK2	¾" F1807 × ¾" F1807 × ¾" F1807, 1/bag	C*	20	20	3.69 BG
641XB334	¾" F1807 × ¾" F1807 × 1" F1807	B	20	200	8.13 EA
641XB432	1" F1807 × ¾" F1807 × ½" F1807	B	20	200	7.95 EA
641XB433	1" F1807 × ¾" F1807 × ¾" F1807	B	20	200	7.78 EA
641XB434	1" F1807 × ¾" F1807 × 1" F1807	B	20	200	8.86 EA
641XB442	1" F1807 × 1" F1807 × ½" F1807	B	20	200	8.40 EA
641XB443	1" F1807 × 1" F1807 × ¾" F1807	B	20	200	8.19 EA
641XB443PK2	1" F1807 × 1" F1807 × ¾" F1807, 1/bag	C*	20	20	8.44 BG
641XB444	1" F1807 × 1" F1807 × 1" F1807	B	20	100	8.74 EA

PowerPEX™

Copper Coupling

- Tube stops formed into each fitting
- One-piece solid copper



645X1

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645X1	⅜" F1807 × ⅜" F1807	B	100	1000	1.37 EA
645X1PK2	⅜" F1807 × ⅜" F1807, 2/bag	C*	20	20	3.04 BG
645X2	½" F1807 × ½" F1807	B	100	1000	0.64 EA
645X2PK2	½" F1807 × ½" F1807, 2/bag	C*	20	20	1.58 BG
NEW 645X2PK3	½" F1807 × ½" F1807, 100/bag	C*	10	10	69.00 BG
645X32	½" F1807 × ¾" F1807	B	50	500	2.40 EA
645X32PK2	½" F1807 × ¾" F1807, 2/bag	C*	20	20	5.10 BG
645X3	¾" F1807 × ¾" F1807	B	50	500	0.87 EA
645X3PK2	¾" F1807 × ¾" F1807, 2/bag	C*	10	10	2.04 BG
645X43	¾" F1807 × 1" F1807	B	25	250	2.31 EA
645X43PK2	¾" F1807 × 1" F1807, 2/bag	C*	10	10	4.92 BG
645X4	1" F1807 × 1" F1807	B	25	250	2.22 EA
645X4PK2	1" F1807 × 1" F1807, 2/bag	C*	10	10	4.74 BG



645XG2

PowerPEX™
No Lead Brass Coupling

• One-piece no lead brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645XG1	⅜" F1807 × ⅜" F1807	B	100	1000	2.02 EA
645XG12	⅜" F1807 × ½" F1807	B	50	500	2.08 EA
645XG2	½" F1807 × ½" F1807	B	100	1000	1.43 EA
645XG3	¾" F1807 × ¾" F1807	B	50	500	2.26 EA
645XG32	¾" F1807 × ½" F1807	B	50	500	2.84 EA
645XG4	1" F1807 × 1" F1807	B	25	250	4.42 EA
645XG43	1" F1807 × ¾" F1807	B	25	250	4.27 EA



645XB2

PowerPEX™
Brass Coupling

• One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645XB1	⅜" F1807 × ⅜" F1807	B	100	1000	1.40 EA
645XB12	⅜" F1807 × ½" F1807	B	50	500	1.52 EA
645XB12PK2	⅜" F1807 × ½" F1807, 2/bag	C*	20	20	3.34 BG
645XB2	½" F1807 × ½" F1807	B	100	1000	1.07 EA
645XB2PK3	½" F1807 × ½" F1807, 100/bag	C*	5	5	100.00 BG
645XB3	¾" F1807 × ¾" F1807	B	50	500	1.60 EA
645XB32	¾" F1807 × ½" F1807	B	50	500	2.04 EA
645XB4	1" F1807 × 1" F1807	B	25	250	3.12 EA
645XB43	1" F1807 × ¾" F1807	B	25	250	3.82 EA
645XB43PK1	1" F1807 × ¾" F1807, 1/bag	C*	25	25	4.07 BG

PowerPEX™

No Lead Brass Plug

- One-piece no lead brass



640XG01

Item No	Description	Pkg	Min Qty	Case Qty	List Price
640XG01	⅜" F1807	B	100	1000	2.69 EA
640XG02	½" F1807	B	100	1000	1.37 EA
640XG03	¾" F1807	B	100	1000	2.24 EA
640XG04	1" F1807	B	25	250	3.32 EA

NSF

NO LEAD

PowerPEX™

Brass Plug

- One-piece standard brass



640XB01

Item No	Description	Pkg	Min Qty	Case Qty	List Price
640XB01	⅜" F1807	B	100	1000	1.11 EA
640XB01PK2	⅜" F1807, 2/bag	C*	20	20	2.52 BG
640XB02	½" F1807	B	100	1000	0.99 EA
640XB02PK2	½" F1807, 2/bag	C*	20	20	2.28 BG
640XB03	¾" F1807	B	100	1000	1.63 EA
640XB03PK2	¾" F1807, 2/bag	C*	20	20	3.56 BG
640XB04	1" F1807	B	25	250	2.76 EA
640XB04PK1	1" F1807, 1/bag	C*	6	6	3.01 BG
640XB04PK2	1" F1807, 2/bag	C*	20	20	5.82 BG

NSF



643X2



643X202

PowerPEX™

Copper Straight Adapter

Male Sweat × PEX

- One-piece solid copper

Item No	Description	Pkg	Min Qty	Case Qty	List Price
643X11	⅜" F1807 × ⅜" MSWT	B	100	1000	1.67 EA
643X1	⅜" F1807 × ½" MSWT	B	100	1000	1.51 EA
643X1PK2	⅜" F1807 × ½" MSWT, 2/bag	C*	20	20	3.32 BG
643X2	½" F1807 × ½" MSWT	B	100	1000	0.75 EA
643X2PK2	½" F1807 × ½" MSWT, 2/bag	C*	20	20	1.80 BG
643X202	½" F1807 × ½" MSWT, 2" long	B	50	500	2.24 EA
643X32	½" F1807 × ¾" MSWT	B	50	500	3.06 EA
643X32PK2	½" F1807 × ¾" MSWT, 2/bag	C*	10	10	6.42 BG
643X23	¾" F1807 × ½" MSWT	B	50	100	1.40 EA
643X23PK2	¾" F1807 × ½" MSWT, 2/bag	C*	20	20	3.10 BG
643X3	¾" F1807 × ¾" MSWT	B	50	500	1.37 EA
643X3PK2	¾" F1807 × ¾" MSWT, 2/bag	C*	10	10	3.04 BG
643X43	¾" F1807 × 1" MSWT	B	25	250	3.76 EA
643X34	1" F1807 × ¾" MSWT	B	25	250	3.06 EA
643X4	1" F1807 × 1" MSWT	B	25	250	3.09 EA

NO LEAD



644X2

PowerPEX™

Copper Straight Adapter

Female Sweat × PEX

- One-piece solid copper

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644X1	⅜" F1807 × ½" FSWT	B	100	1000	1.53 EA
644X1PK2	⅜" F1807 × ½" FSWT, 2/bag	C*	20	20	3.36 BG
644X2	½" F1807 × ½" FSWT	B	100	1000	0.82 EA
644X2PK2	½" F1807 × ½" FSWT, 2/bag	C*	20	20	1.94 BG
644X32	½" F1807 × ¾" FSWT	B	50	500	3.10 EA
644X32PK2	½" F1807 × ¾" FSWT, 2/bag	C*	10	10	4.78 BG
644X3	¾" F1807 × ¾" FSWT	B	50	500	1.40 EA
644X3PK2	¾" F1807 × ¾" FSWT, 2/bag	C*	10	10	3.10 BG
644X43	¾" F1807 × 1" FSWT	B	25	250	3.47 EA
644X34	1" F1807 × ¾" FSWT	B	25	250	3.53 EA
644X4	1" F1807 × 1" FSWT	B	25	250	3.54 EA
644X4PK2	1" F1807 × 1" FSWT, 2/bag	C*	5	5	7.38 BG

NO LEAD

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

PowerPEX™

No Lead Brass Straight Adapter

Male Sweat × PEX

- One-piece no lead brass



643XG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
643XG1	⅜" F1807 × ½" MSWT	B	100	1000	5.23 EA
643XG2	½" F1807 × ½" MSWT	B	100	1000	1.76 EA
643XG23	¾" F1807 × ½" MSWT	B	50	500	3.01 EA
643XG3	¾" F1807 × ¾" MSWT	B	50	500	3.09 EA
643XG32	½" F1807 × ¾" MSWT	B	50	500	3.83 EA
643XG34	1" F1807 × ¾" MSWT	B	25	250	4.16 EA
643XG4	1" F1807 × 1" MSWT	B	25	250	7.39 EA
643XG43	¾" F1807 × 1" MSWT	B	25	250	5.18 EA

NSF

NO LEAD

PowerPEX™

Brass Straight Adapter

Male Sweat × PEX

- One-piece standard brass



643XB2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
643XB1	⅜" F1807 × ½" MSWT	B	100	1000	1.77 EA
643XB2	½" F1807 × ½" MSWT	B	100	1000	1.42 EA
643XB2PK3	½" F1807 × ½" MSWT, 100/bag	C*	5	5	147.00 BG
643XB23	¾" F1807 × ½" MSWT	B	50	500	1.73 EA
643XB3	¾" F1807 × ¾" MSWT	B	50	500	2.50 EA
643XB32	½" F1807 × ¾" MSWT	B	50	500	2.63 EA
643XB34	1" F1807 × ¾" MSWT	B	25	250	3.19 EA
643XB4	1" F1807 × 1" MSWT	B	25	250	5.14 EA
643XB43	¾" F1807 × 1" MSWT	B	25	250	4.08 EA

NSF



644XG2

PowerPEX™

No Lead Brass Straight Adapter

Female Sweat × PEX

- One-piece no lead brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644XG1	⅜" F1807 × ½" FSWT	B	100	500	2.87 EA
644XG2	½" F1807 × ½" FSWT	B	100	1000	2.13 EA
644XG3	¾" F1807 × ¾" FSWT	B	50	500	3.75 EA
644XG32	½" F1807 × ¾" FSWT	B	50	500	5.04 EA
644XG4	1" F1807 × 1" FSWT	B	25	250	6.58 EA
644XG43	¾" F1807 × 1" FSWT	B	25	250	6.73 EA



644XB2

PowerPEX™

Brass Straight Adapter

Female Sweat × PEX

- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644XB1	⅜" F1807 × ½" FSWT	B	100	1000	2.07 EA
644XB2	½" F1807 × ½" FSWT	B	100	1000	1.56 EA
644XB2PK3	½" F1807 × ½" FSWT, 100/bag	C*	100	500	140.00 BG
644XB3	¾" F1807 × ¾" FSWT	B	50	500	2.85 EA
644XB32	½" F1807 × ¾" FSWT	B	50	500	3.45 EA
644XB4	1" F1807 × 1" FSWT	B	25	250	5.80 EA
644XB4PK1	1" F1807 × 1" FSWT, 1/bag	C*	25	25	5.75 BG
644XB43	¾" F1807 × 1" FSWT	B	25	250	5.98 EA

PowerPEX™

No Lead Brass Straight Adapter

MIP × PEX

- One-piece no lead brass



646XG2

	Item No	Description	Pkg	Min Qty	Case Qty	List Price
NEW	646XG12PK2	⅜" F1807 × ½" MIP	C*	20	20	5.63 BG
	646XG2	½" F1807 × ½" MIP	B	100	100	4.44 EA
NEW	646XG23	¾" F1807 × ½" MIP	B	50	50	6.40 EA
NEW	646XG23PK2	¾" F1807 × ½" MIP	C*	20	20	6.65 BG
	646XG32	½" F1807 × ¾" MIP	B	50	50	6.87 EA
	646XG3	¾" F1807 × ¾" MIP	B	25	250	6.67 EA
	646XG34	1" F1807 × ¾" MIP	B	25	25	8.24 EA
	646XG4	1" F1807 × 1" MIP	B	50	50	11.00 EA
NEW	646XG43	¾" F1807 × 1" MIP	B	50	50	11.44 EA
NEW	646XG43PK2	¾" F1807 × 1" MIP	C*	20	20	11.69 BG

NSF

NO LEAD

PowerPEX™

Brass Straight Adapter

MIP × PEX

- One-piece standard brass



646XB2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646XB12PK2	⅜" F1807 × ½" MIP, 1/bag	C*	20	20	3.12 BG
646XB2	½" F1807 × ½" MIP	B	100	100	3.15 EA
646XB2PK2	½" F1807 × ½" MIP, 1/bag	C*	20	20	3.40 BG
646XB2PK3	½" F1807 × ½" MIP, 100/bag	C*	100	100	320.00 BG
646XB23	¾" F1807 × ½" MIP	B	50	50	3.72 EA
646XB23PK2	¾" F1807 × ½" MIP, 1/bag	C*	20	20	3.97 BG
646XB32	½" F1807 × ¾" MIP	B	50	50	5.30 EA
646XB32PK2	½" F1807 × ¾" MIP, 1/bag	C*	20	20	5.55 BG
646XB3	¾" F1807 × ¾" MIP	B	25	250	4.95 EA
646XB3PK2	¾" F1807 × ¾" MIP, 1/bag	C*	20	20	5.20 BG
646XB34	1" F1807 × ¾" MIP	B	50	50	6.34 EA
646XB34PK2	1" F1807 × ¾" MIP, 1/bag	C*	25	25	6.59 BG
646XB43	¾" F1807 × 1" MIP	B	50	50	9.47 EA
646XB4	1" F1807 × 1" MIP	B	50	50	9.06 EA
646XB4PK2	1" F1807 × 1" MIP, 1/bag	C*	20	20	9.31 BG

NSF


647XG23PK2

PowerPEX™
NEW No Lead Copper Straight Adapter
FIP × PEX

- Lead-free solder joint

NSF NO LEAD

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647XG23PK2	½" F1807 × ¾" FIP	C*	10	10	5.87 EA


647XG2

PowerPEX™
No Lead Brass Straight Adapter
FIP × PEX

- One-piece no lead brass

NSF NO LEAD

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647XG2	½" F1807 × ½" FIP	B	50	250	4.82 EA
647XG3	¾" F1807 × ¾" FIP	B	50	50	7.25 EA
647XG4	1" F1807 × 1" FIP	B	50	50	12.77 EA


647XB2

PowerPEX™
Brass Straight Adapter
FIP × PEX

- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647XB2	½" F1807 × ½" FIP	B	50	250	4.12 EA
647XB2PK2	½" F1807 × ½" FIP, 1/bag	C*	10	10	4.37 BG
647XB23	½" F1807 × ¾" FIP	B	50	50	5.90 EA
647XB23PK2	½" F1807 × ¾" FIP, 1/bag	C*	10	10	6.15 BG
647XB3	¾" F1807 × ¾" FIP	B	50	50	5.90 EA
647XB3PK2	¾" F1807 × ¾" FIP, 1/bag	C*	10	10	6.15 BG
647XB4	1" F1807 × 1" FIP	B	50	50	10.60 EA
647XB4PK2	1" F1807 × 1" FIP, 1/bag	C*	10	10	10.85 BG

NSF

PowerPEX™

Tub/Shower Elbow

Shower-Lock & Drop-Ear Models

- Internal ½" FIP thread for shower arm or tub nipple
- Shower-lock model includes 2" O.D. locknuts
- Lead-free solder joint
- For use on shower risers, tub spouts and non-pressure fitting applications



616X2PX



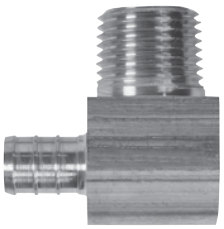
647X2E



647X2HE

Related Products
ShowerUp™ Kits *p 62*

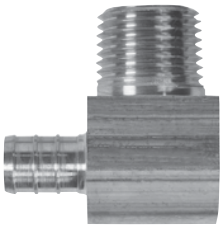
Item No	Connection	Pkg	Min Qty	Case Qty	List Price
	SHOWER-LOCK				
616X1PX	⅜" F1807 × ½" FIP	B	50	50	13.58 EA
616X2PX	½" F1807 × ½" FIP	B	50	50	12.29 EA
616X2PXPK2	½" F1807 × ½" FIP, 1/bag	C*	20	20	12.54 BG
	DROP-EAR				
647X1E	⅜" F1807 × ½" FIP	B	50	50	7.25 EA
647X1EPK2	⅜" F1807 × ½" FIP, 1/bag	C*	20	20	7.40 BG
647X2E	½" F1807 × ½" FIP	B	50	50	6.31 EA
647X2EPK2	½" F1807 × ½" FIP, 1/bag	C*	20	20	6.56 BG
NEW 647X2EPK3	½" F1807 × ½" FIP, 50/bag	C*	50	50	318.00 BG
647X23E	¾" F1807 × ½" FIP	B	50	50	7.67 EA
647X23EPK2	¾" F1807 × ½" FIP, 1/bag	C*	20	20	7.92 BG
	HIGH EAR DROP-EAR ELBOW				
NEW 647X2HE	½" F1807 × ½" FIP	B	50	50	7.86 EA


632XG222M

PowerPEX™
No Lead Brass Elbow Adapter
MIP × PEX

- One-piece no lead brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632XG222M	½" F1807 × ½" MIP	B	50	50	10.17 EA
632XG332M	¾" F1807 × ¾" MIP	B	50	50	13.78 EA


632XB222M

PowerPEX™
Brass Elbow Adapter
MIP × PEX

- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632XB222M	½" F1807 × ½" MIP	B	50	50	7.57 EA
632XB332M	¾" F1807 × ¾" MIP	B	50	50	11.59 EA


632X222M

PowerPEX™
Elbow Adapter
MIP × PEX

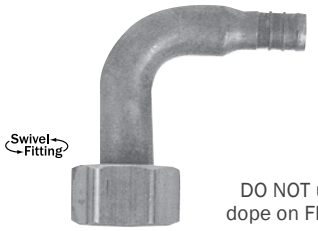
- Full flow – no restriction
- Lead-free solder joint

Item No	Description	Material	Pkg	Min Qty	Case Qty	List Price
632X121M	⅜" F1807 × ⅜" MIP	copper	B	50	50	6.98 EA
632X221MPK2	½" F1807 × ⅜" MIP, 1/bag	copper	C*	10	10	7.07 BG
632X221M	½" F1807 × ⅜" MIP	copper	B	50	50	6.82 EA
632X222M	½" F1807 × ½" MIP	copper/brass	B	50	50	5.97 EA
632X222MPK2	½" F1807 × ½" MIP, 1/bag	copper/brass	C*	10	10	6.22 BG
632X332M	¾" F1807 × ¾" MIP	copper/brass	B	50	50	7.80 EA
632X232MPK2	½" F1807 × ¾" MIP, 1/bag	copper/brass	C*	10	10	10.55 BG

PowerPEX™
Elbow Adapter

FIP × PEX

- Full flow – no restriction
- Brass FIP swivel nut includes gasket



DO NOT use pipe dope on FIP threads

637X235

Item No	Description	Material	Pkg	Min Qty	Case Qty	List Price
637X235	½" F1807 × ¾" FIP swivel	copper/brass	B	50	50	8.01 EA
637X335	¾" F1807 × ¾" FIP swivel	copper/brass	B	25	25	7.47 EA
637X335PK2	¾" F1807 × ¾" FIP swivel, 1/bag	copper/brass	C*	10	10	7.72 BG

NO LEAD

PowerPEX™
NEW Dishwasher Connector

- Larger internal diameter for adequate flow
- Assembled
- Nose cone gasket provides a positive seal



637XB23H



Related Products
Sweat Dishwasher Connector *p 183*

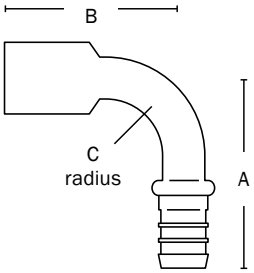
Item No	Description	Pkg	Min Qty	Case Qty	List Price
637XB23H	½" F1807 × ¾" female hose swivel elbow	B	5	50	6.55 EA



632X222

PowerPEX™
Elbow Adapter
Male Sweat × PEX

- Great multipurpose sweat × PEX elbow
- Perfect as tub/shower connector
- One-piece solid copper



Item No	Description	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
632X122	⅜" F1807 × ½" MSWT	1⅝"	1½"	⅝"	B	100	500	2.24 EA
632X222	½" F1807 × ½" MSWT	1⅝"	1½"	⅝"	B	100	1000	2.00 EA
632X222PK2	½" F1807 × ½" MSWT, 2/bag	1⅝"	1½"	⅝"	C*	10	10	4.30 BG
632X232	½" F1807 × ¾" MSWT	2½"	1¾"	⅝"	B	50	250	4.03 EA
632X332	¾" F1807 × ¾" MSWT	2"	1⅜"	11/16"	B	25	250	3.00 EA

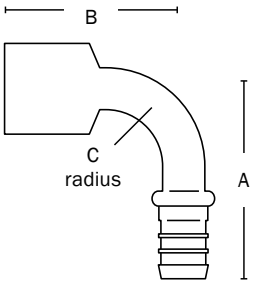
NO LEAD



632X225

PowerPEX™
Elbow Adapter
Female Sweat × PEX

- Great multipurpose sweat × PEX elbow
- One-piece solid copper



Item No	Description	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
632X125	⅜" F1807 × ½" FSWT	1⅝"	1½"	⅝"	B	100	1000	2.24 EA
632X125PK2	⅜" F1807 × ½" FSWT, 2/bag	1⅝"	1½"	⅝"	C*	10	10	4.78 BG
632X225	½" F1807 × ½" FSWT	1⅝"	1½"	⅝"	B	100	1000	2.00 EA
632X225PK2	½" F1807 × ½" FSWT, 2/bag	1⅝"	1½"	⅝"	C*	10	10	4.30 BG
632X235	½" F1807 × ¾" FSWT	2 3/16"	2 3/32"	11/16"	B	25	250	4.22 EA
632X335	¾" F1807 × ¾" FSWT	2"	1⅜"	11/16"	B	25	250	3.00 EA
632X335PK2	¾" F1807 × ¾" FSWT, 2/bag	2"	1⅜"	11/16"	C*	10	10	6.30 BG

NO LEAD



632X217

PowerPEX™
Copper Elbow Adapter
Compression × PEX

- Connects PEX to ⅜" O.D. tube
- Lead-free solder joint

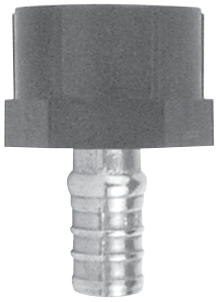
Item No	Description	Material	Pkg	Min Qty	Case Qty	List Price
	COMPRESSION					
632X117	⅜" F1807 × ⅜" O.D. compression	copper/brass	B	50	50	7.75 EA
632X217	½" F1807 × ⅜" O.D. compression	copper/brass	B	50	50	7.60 EA

PowerPEX™

Copper Ballcock Adapter

Straight

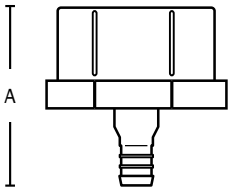
- Easily connects PEX to ballcock thread
- Swivel ballcock nut includes nose cone washer



637X410

Item No	Description	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
637X410	⅜" F1807 × swivel ballcock	1⅝"	—	B	50	500	2.62 EA
637X420	½" F1807 × swivel ballcock	1½"	—	B	50	50	2.43 EA

NO LEAD



PowerPEX™

Copper Ballcock Adapter

Elbow

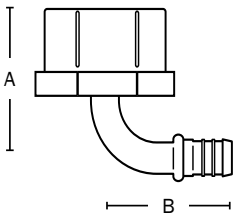
- Easily connects PEX to ballcock thread
- Swivel ballcock nut includes nose cone gasket
- Long radius elbow fitting for smoother flow



637X423

Item No	Description	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
637X413	⅜" F1807 × swivel ballcock	2¼"	2⅝"	B	50	50	4.92 EA
637X423	½" F1807 × swivel ballcock	2¼"	2⅝"	B	50	50	5.65 EA
637X423PK	½" F1807 × swivel ballcock	2¼"	2⅝"	C*	10	10	6.15 EA

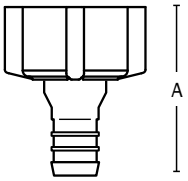
NO LEAD




637X10

PowerPEX™
Copper Faucet Adapter
Straight

- Easily connects PEX to faucet thread
- High impact FIP swivel nut includes nose cone gasket
- Copper component is available individually

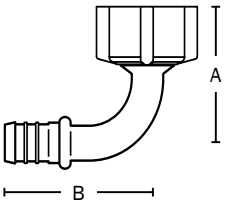


Item No	Description	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
637X10	⅜" F1807 × ½" FIP swivel	1 5/16"	—	B	50	50	1.80 EA
637X10PK2	⅜" F1807 × ½" FIP swivel, 2/bag	1 5/16"	—	C*	10	10	3.90 BG
637X20	½" F1807 × ½" FIP swivel	1 3/16"	—	B	50	500	1.47 EA
637X20PK2	½" F1807 × ½" FIP swivel, 2/bag	1 3/16"	—	C*	10	10	3.24 BG
637X20C	½" F1807 × copper component only	1 1/16"	—	B	50	500	1.17 EA


637X25

PowerPEX™
Copper Faucet Adapter
Elbow

- Easily connects PEX to faucet thread
- High impact FIP swivel nut includes nose cone gasket



Item No	Description	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
637X15	⅜" F1807 × ½" FIP swivel	1½"	1½"	B	50	500	3.21 EA
637X25	½" F1807 × ½" FIP swivel	1½"	1½"	B	50	50	2.63 EA

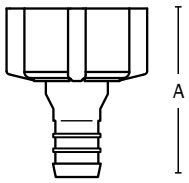
Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

PowerPEX™
Brass Faucet Adapter
Straight

- Easily connects PEX to faucet thread
- High impact FIP swivel nut includes nose cone gasket



637XB20



Item No	Description	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
637XB10	⅜" PEX × ½" FIP swivel	1 5/16"	—	B	50	50	2.48 EA
637XB20	½" PEX × ½" FIP swivel	1 3/16"	—	B	25	25	2.96 EA

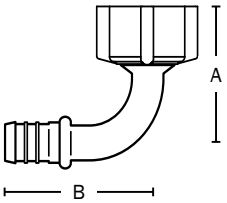
NSF

PowerPEX™
Brass Faucet Adapter
Elbow

- Easily connects PEX to faucet thread
- High impact FIP swivel nut includes nose cone gasket



637XB25



Item No	Description	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
637XB25	½" F1807 × ½" FIP swivel	1⅜"	2"	B	50	50	3.87 EA

NSF

PowerPEX™
Straight Adapter
Compression × PEX

- Connects PEX to ⅜" O.D. tube
- Perfect for lav/sink supply hookup
- Lead-free solder joint



637X711

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	COMPRESSION				
637X711	⅜" F1807 × ⅜" O.D. compression	B	50	50	7.54 EA
637X721	½" F1807 × ⅜" O.D. compression	B	50	50	7.54 EA



630X246

PowerPEX™
Stub Out Elbow

Standard

- Accepts sweat, push-fitting and compression valves
- Combines easy adapting of copper stub outs with easy installation of PEX system
- Type L copper
- Tube stops formed into each fitting
- One-piece solid copper

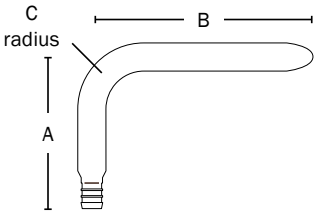
Polished Nickel-Plated

- Push-fitting systems are not compatible with nickel-plated stub out elbows

Related Products
Stub Out Elbow Kits *p 63*



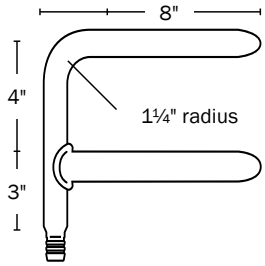
Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.



Item No	Connection	CTS	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
STANDARD									
630X146	⅜" F1807	½"	3½"	6"	1¼"	B	50	50	4.70 EA
630X148	⅜" F1807	½"	3½"	8"	1¼"	B	50	50	5.25 EA
630X246	½" F1807	½"	3½"	6"	1¼"	B	50	50	4.22 EA
630X246PK	½" F1807	½"	3½"	6"	1¼"	C*	20	20	4.72 EA
630X248	½" F1807	½"	3¼"	8"	1¼"	B	50	50	4.85 EA
630X248PK	½" F1807	½"	3¼"	8"	1¼"	C*	6	6	5.35 EA
630X2412	½" F1807	½"	3½"	12"	1¼"	B	50	50	7.88 EA
630X2138	½" F1807	½"	13"	8"	1¼"	B	50	50	11.43 EA
630X348	¾" F1807	¾"	4½"	8"	1¾"	B	50	50	10.50 EA
630X3412	¾" F1807	¾"	4½"	12"	1¾"	B	50	50	15.76 EA
630X3136	¾" F1807	¾"	13"	6"	1¾"	B	50	50	15.77 EA
630X468	1" F1807	1"	6"	8"	2"	B	25	25	19.95 EA
630X4612	1" F1807	1"	6"	12"	2"	B	25	25	26.28 EA
POLISHED NICKEL-PLATED									
630X248N	½" F1807	½"	3½"	8"	1¼"	B	25	25	12.85 EA



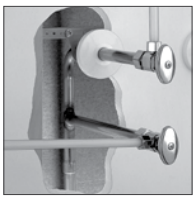
630XD288



PowerPEX™
Double Stub Out Elbow

- Brazed stub out joint will not fracture

Perfect for running sink and dishwasher supplies (hot side) or sink and ice maker supplies (cold side) from same branch line.



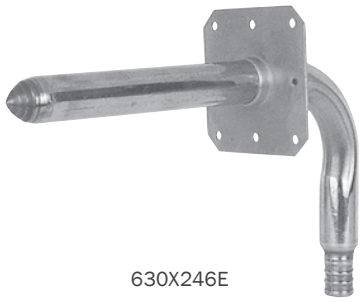
Item No	Connection	CTS	Pkg	Min Qty	Case Qty	List Price
630XD288	½" F1807	½"	B	25	25	19.39 EA

PowerPEX™

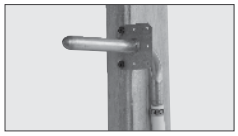
Stub Out Elbow

Square O Strap

- Accepts sweat, push-fitting and compression valves
- Combines easy adapting of copper stub outs with easy installation of PEX system
- Square O Straps affix easily to the Edge bracket or any backing board to provide solid installations
- Type L copper



630X246E

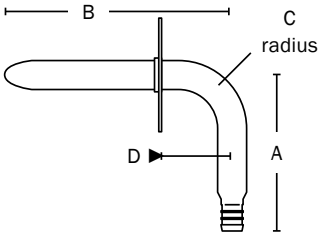


Stub out elbows combine elbow and cap in one quick and easy stub out fitting.



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

Item No	Connection	CTS	Dimensions				Pkg	Min Qty	Case Qty	List Price
			A	B	C	D				
630X148E	⅜" F1807	½"	3½"	8"	1¼"	1¾"	B	25	25	6.00 EA
630X2412E	½" F1807	½"	4"	12"	1¼"	1¾"	B	25	25	8.63 EA
630X246E	½" F1807	½"	3½"	6"	1¼"	1¾"	B	25	25	4.97 EA
630X248E	½" F1807	½"	3½"	8"	1¼"	1¾"	B	25	25	5.60 EA
630X248EPK	½" F1807	½"	3½"	8"	1¼"	1¾"	C*	20	20	6.10 EA
630X348E	¾" F1807	¾"	4½"	8"	1¾"	2"	B	25	25	11.25 EA
630X468E	1" F1807	1"	6"	8"	2"	2¼"	B	10	10	20.70 EA
630X4612E	1" F1807	1"	6"	8"	2"	2¼"	B	10	10	27.03 EA



NO LEAD

PowerPEX™

Stub Out Elbow

Stub Out Tee-Elbow

- Great for stub outs off ½" PEX runs
- Lead-free solder joint



638XT263



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

Item No	Connection	CTS	Dimensions			Pkg	Min Qty	Case Qty	List Price
			A	B	C				
638XT263	½" F1807	½"	3"	6"	1¼"	B	25	25	8.88 EA
638XT283	½" F1807	½"	3"	8"	1¼"	B	25	25	9.90 EA

NO LEAD



638X208



643X208

PowerPEX™ Bullet™

Spin Closed Stub Out

- Type L copper

Bracketed Stub Out

- Perfect for stubbing up through floor for closets or lavs
- Square O Strap is crimped to tube 8" from spin closed end on 638X212E
- Type L copper

Open Ended Stub Out

- Type L copper

Item No	Connection	CTS	Length	Pkg	Min Qty	Case Qty	List Price
SPIN CLOSED							
638X208	½" F1807	½"	8"	B	100	100	3.89 EA
638X212	½" F1807	½"	12"	B	100	100	5.43 EA
638X312	¾" F1807	¾"	12"	B	50	50	10.81 EA
638X208PK	½" F1807	½"	8"	C*	20	20	4.39 EA
BRACKETED SPIN CLOSED							
638X212E	½" F1807	½"	12"	B	50	50	6.67 EA
OPEN							
643X208	½" F1807	½"	8"	B	100	100	4.01 EA
643X212	½" F1807	½"	12"	B	100	100	5.41 EA

NO LEAD



682XL5240

PowerPEX™ Stub Air™

Brazed Air Chamber Tee Fitting

- Eliminates on-the-job costs such as: measuring, cutting, cleaning, fluxing and soldering of up to four joints
- Sturdy brazed saddle joint cannot be damaged during field soldering and will not fracture due to jobsite abuse
- Provides stub out and air chamber with PEX connection in one piece

Models with open branches work great for tub valve connections, with only ONE solder joint needed.





Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

Item No	Connection	Type	Branch		Air Chamber		Pkg	Min Qty	Case Qty	List Price
			CTS	Length	CTS	Length				
SPIN CLOSED										
682XL5240	½" F1807	L	½"	8"	½"	12"	B	25	25	17.77 EA
682XL5240PK	½" F1807	L	½"	8"	½"	12"	C*	10	10	18.27 EA
OPEN										
682XL5213	½" F1807	L	½"	1½"	½"	12"	B	25	25	15.77 EA

NO LEAD

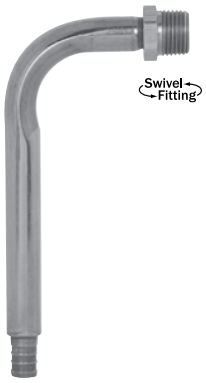
PowerPEX™

Tub/Shower Pressure Connector

- Perfect for sweat connection to standard tub/shower valves
- MIP and FIP swivel connections mean no torch at the tub/shower valve
- Made from Type L copper tube
- Elongated tailpiece allows for rigid bracket attachment



632X263



632X263X



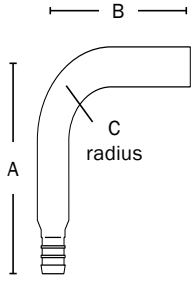
DO NOT use pipe dope on FIP threads

632X263Y

Related Products
ShowerUp™ Kits *p 62*

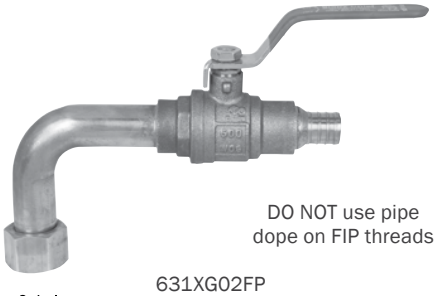
Item No	Connection	Dimensions			Pkg	Min Qty	Case Qty	List Price
		A	B	C				
632X143	⅜" F1807 × ½" MSWT	4"	2¼"	1¼"	B	50	50	3.82 EA
632X243	½" F1807 × ½" MSWT	4"	2¼"	1¼"	B	50	50	3.03 EA
632X243PK	½" F1807 × ½" MSWT	4"	2¼"	1¼"	C*	20	20	3.53 EA
632X263	½" F1807 × ½" MSWT	6"	2¼"	1¼"	B	50	50	3.64 EA
632X283	½" F1807 × ½" MSWT	8"	2¼"	1¼"	B	50	50	4.67 EA
632X263X	½" F1807 × ½" MIP swivel	6"	3"	1¼"	B	50	50	8.64 EA
632X263Y	½" F1807 × ½" FIP swivel	6"	3"	1¼"	B	50	50	8.14 EA
632X364	¾" F1807 × ¾" MSWT	6"	4"	1¾"	B	50	50	8.60 EA
632X3412	¾" F1807 × ¾" MSWT	4"	12"	1¾"	B	50	50	14.77 EA
632X458	1" F1807 × 1" MSWT	5"	8"	2"	B	25	25	19.22 EA
632X4512	1" F1807 × 1" MSWT	4"	12"	2"	B	25	25	22.95 EA

NO LEAD Except 632X263X





631X02



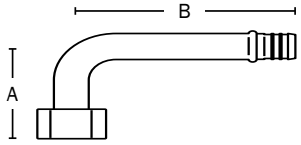
DO NOT use pipe dope on FIP threads

631XG02FP

PowerPEX™
Water Heater Connector
FIP Elbow

- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Dielectric fitting
- Lead-free solder joint
- ¾" type L copper

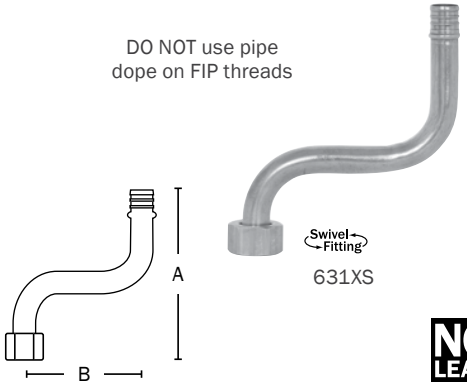
Related Products
Water Heater Connector Kits *p 65*



NO LEAD

Item No	Connection	Dimensions A	Dimensions B	Ball Valve	Pkg	Min Qty	Case Qty	List Price
631X02	¾" F1807 × ¾" FIP swivel	3"	4½"		B	25	25	13.50 EA
631X06	¾" F1807 × ¾" FIP swivel	6"	6"		B	25	25	17.50 EA
631XG02FP	¾" F1807 × ¾" FIP swivel	3"	6"	✓	B	12	12	41.67 EA

DO NOT use pipe dope on FIP threads



631XS

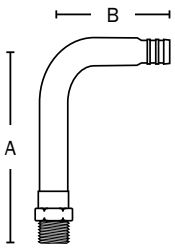
PowerPEX™
Water Heater Connector
FIP S-Bend

- Brass FIP swivel nut includes gasket
- Great for routing PEX away from water heater stack
- Dielectric fitting

NO LEAD

Item No	Connection	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
631XS	¾" F1807 × ¾" FIP swivel	6"	4½"	B	50	50	12.50 EA





631XM

PowerPEX™
Water Heater Connector
MIP Elbow

- Full flow – no restriction
- Lead-free solder joint
- Made from Type L copper tube

Related Products
Water Heater Connector Kits *p 65*

Item No	Connection	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
631XM	¾" F1807 × ¾" MIP	6"	4"	B	25	25	12.50 EA

PowerPEX™

Water Heater Connector

FIP Straight

- Full flow, dielectric fitting – no restriction
- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- ¾" FIP branch for 2 gallon expansion tank
- Lead-free solder joint
- Made from Type L copper tube



633X18FP



633X18FPT



633X18



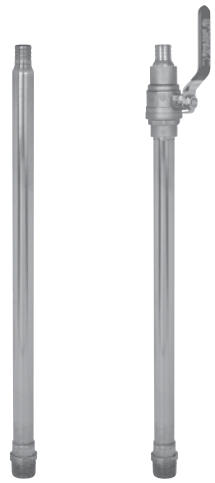
633X18FRV



633X306FP

DO NOT use pipe dope on FIP threads

	Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
NEW	633XG18FP	¾" F1807 × ¾" FIP swivel	18"	✓	✓	B	10	10	47.41 EA
	633X02	¾" F1807 × ¾" FIP swivel	2"		✓	B	25	25	6.28 EA
	633X02PK	¾" F1807 × ¾" FIP swivel	2"		✓	C*	6	6	6.78 EA
	633X18	¾" F1807 × ¾" FIP swivel	18"		✓	B	25	25	19.71 EA
	633X18PK	¾" F1807 × ¾" FIP swivel	18"		✓	C*	25	25	20.21 EA
	633X418	¾" F1807 × 1" FIP swivel	18"		✓	B	25	25	25.49 EA
	633X18FP	¾" F1807 × ¾" FIP swivel	18"	✓		B	25	25	38.69 EA
	633X418FP	¾" F1807 × 1" FIP swivel	18"	✓		B	25	25	46.49 EA
	633X18FPT	¾" F1807 × ¾" FIP swivel, with ¾" FIP branch	18"	✓		B	20	20	56.91 EA
	633X18FRV	¾" F1807 × ¾" FIP swivel, with pressure relief ⅜" O.D. compression	18"	✓		B	10	10	118.20 EA
	633X306FP	¾" F1807 × ¾" FIP swivel	6"	✓		B	10	10	29.74 EA
	633XB02	¾" F1807 × ¾" FIP swivel brass	2"		✓	B	25	25	7.12 EA



646X318 646X318FP

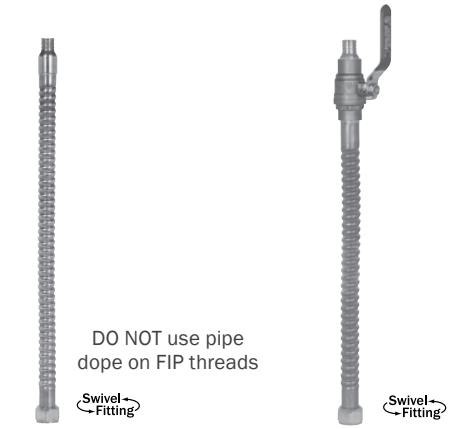


646X306FP

PowerPEX™
Water Heater Connector
MIP Straight

- Full flow – no restriction
- Fitting with 600 WOG full port ball valve available
- Lead-free solder joint
- Made from Type L copper tube

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
646X318	¾" F1807 × ¾" MIP	18"		B	25	25	18.18 EA
646X318FP	¾" F1807 × ¾" MIP	18"	✓	B	25	25	39.10 EA
646X306FP	¾" F1807 × ¾" MIP	6"	✓	B	10	10	31.62 EA



634X418 634X418FP

PowerPEX™
Water Heater Connector
Flexible FIP

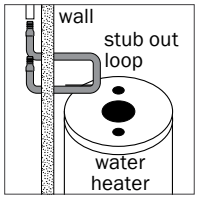
- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Flexible dielectric fitting works well in tight spaces
- Lead-free solder joint

Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
634X418	¾" F1807 × ¾" FIP swivel	18"		✓	B	10	10	21.55 EA
634X418FP	¾" F1807 × ¾" FIP swivel	18"	✓		B	10	10	38.22 EA
634XG418FP	¾" F1807 × ¾" FIP swivel	18"	✓	✓	B	25	25	40.52 EA

PowerPEX™

Water Heater Stub Out Loop

- Preformed copper loop bypasses water heater before test
- Made from Type L copper tube



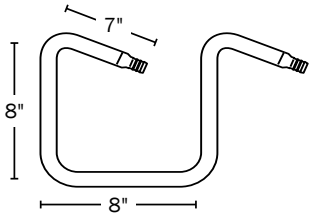
Easily hooks up to the water heater and 8" centers align perfectly with water heater connections.



636X38883

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
636X38883	¾" F1807	B	12	12	42.37 EA
636X48884	1" F1807	B	12	12	57.76 EA

NO LEAD



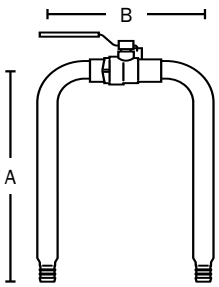
PowerPEX™

Valved Service Loop

- Fitting with 600 WOG full port ball valve
- Lead-free solder joint
- Made from Type L copper tube



636X3FPL



Item No	Connection	Dimensions A	Dimensions B	Ball Valve	Pkg	Min Qty	Case Qty	List Price
636X3FPL	¾" F1807 × ¾" F1807	15"	7"	✓	B	12	12	52.35 EA



645XC2

PowerPEX™

Copper Straight Adapter

CPVC × F1807 PEX

- A quick and easy transition
- Perfect for hooking up PEX underground water service lines to CPVC in-house piping systems

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645XC2	½" F1807 × ½" CPVC	B	50	50	4.50 EA
645XC2PK2	½" F1807 × ½" CPVC, 1/bag	C*	10	10	4.65 BG
645XC23	½" F1807 × ¾" CPVC	B	50	50	7.75 EA
645XC3	¾" F1807 × ¾" CPVC	B	50	50	5.00 EA
645XC3PK2	¾" F1807 × ¾" CPVC, 1/bag	C*	10	10	5.15 BG
645XC34	¾" F1807 × 1" CPVC	B	20	20	13.75 EA
645XC4	1" F1807 × 1" CPVC	B	20	20	13.50 EA
645XC43	1" F1807 × ¾" CPVC	B	20	20	13.75 EA

NO LEAD



645X3P

PowerPEX™

Copper Straight Adapter

PVC × F1807 PEX

- Perfect for water service transitions
- Lead-free solder joint
- Made from Type L copper tube

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645X23P	½" F1807 × ¾" PVC	B	50	50	9.65 EA
645X3P	¾" F1807 × ¾" PVC	B	50	50	9.17 EA
645X34P	¾" F1807 × 1" PVC	B	20	20	14.44 EA
645X43P	1" F1807 × ¾" PVC	B	20	20	14.53 EA
645X4P	1" F1807 × 1" PVC	B	20	20	15.15 EA

NO LEAD

PowerPEX™

Copper Straight Adapter

PB × PEX

- Great for adapting PB lines to new PEX lines
- Each adapter is bagged with one natural copper PB crimp ring and one black copper PEX crimp ring



645X2G

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645X2G	½" F1807 × ½" PB	B	50	50	2.09 EA
645X2GPK2	½" F1807 × ½" PB, 1/bag	C*	10	10	2.34 BG
645X3G	¾" F1807 × ¾" PB	B	50	50	2.47 EA
645X3GPK2	¾" F1807 × ¾" PB, 1/bag	C*	10	10	2.72 BG

NO LEAD

PowerPEX™

Copper Tee Adapter

PB × PB × PEX

- Lead-free solder joint
- Two-piece copper
- Great for adapting PB lines to new PEX lines
- Each adapter is bagged with two natural copper PB crimp rings and one black copper PEX crimp ring



641-222X

Item No	Description (Branch × Branch × Tee)	Pkg	Min Qty	Case Qty	List Price
641-222X	½" PB × ½" PB × ½" F1807	B	50	50	5.83 EA
641-222XPK2	½" PB × ½" PB × ½" F1807, 1/bag	C*	10	10	6.08 BG
641-332X	¾" PB × ¾" PB × ½" F1807	B	50	50	7.21 EA
641-333X	¾" PB × ¾" PB × ¾" F1807	B	50	50	7.05 EA
641-333XPK2	¾" PB × ¾" PB × ¾" F1807, 1/bag	C*	10	10	7.30 BG

NO LEAD

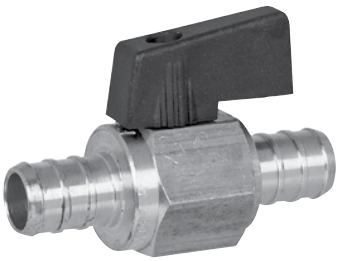


648X3

PowerPEX™
Brass Ball Valve

- Chrome-plated ball, blowout-proof stem
- ANSI/NSF 61
- C-377 forged brass

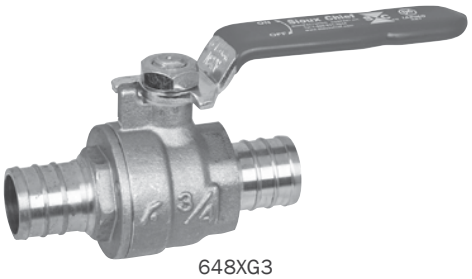
Item No	Connection	Pkg	Min Qty	Case Qty	List Price
	STANDARD PORT				
648X2	½" F1807	B	10	100	10.19 EA
648X3	¾" F1807	B	10	100	11.30 EA
648X2PK	½" F1807	B	10	10	10.69 EA
648X3PK	¾" F1807	B	10	10	11.80 EA
648X4	1" F1807	B	6	60	19.21 EA
	FULL PORT				
648X4FP	1" F1807	B	10	10	43.13 EA
648X4FPPK	1" F1807	C*	6	6	43.63 EA


648X92PK1

PowerPEX™
Brass Mini ¼-Turn Ball Valve

- Compact supply valves

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
648X92PK1	½" F1807	C*	12	12	10.19 EA
648X93PK1	¾" F1807	C*	12	12	16.98 EA



648XG3

PowerPEX™
No Lead Brass Ball Valve

- Chrome-plated ball, blowout-proof stem
- ANSI/NSF 61

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
648XG2	½" F1807	B	10	120	14.47 EA
648XG3	¾" F1807	B	8	96	17.78 EA
648XG4	1" F1807	B	4	40	39.78 EA


648X3W

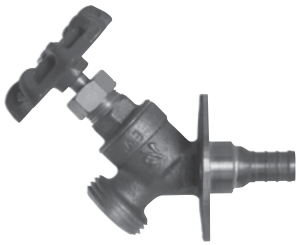
PowerPEX™
Brass Stop & Waste Valve

- Brass valve body with stuffing box, neoprene seals
- Lead-free solder joints

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
648X2W	½" F1807	B	12	12	12.56 EA
648X3W	¾" F1807	B	12	12	14.94 EA
648X2WPK	½" F1807	C*	10	10	13.06 EA
648X3WPK	¾" F1807	C*	10	10	15.44 EA

PowerPEX™
Sillcock
Standard

- Large 2⅛" diameter mounting flange
- Lead-free solder joint



117X22

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
117X22	½" F1807	B	25	25	13.88 EA

PowerPEX™
Frost-Proof* Anti-Siphon Sillcock
Standard

- Longer stem saves knuckle scrapes
- Thicker, easier turning handle
- Nickel-plated brass body with black metal handle



118X208P

¼-Turn

- Extended tailpiece for ease of installation
- Extra-large mounting flange
- ANSI/NSF 61 listed
- Nickel-plated brass body



119X210P

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
		STANDARD				
118X204P	½" F1807	4"	B	5	5	32.13 EA
118X206P	½" F1807	6"	B	5	5	33.38 EA
118X208P	½" F1807	8"	B	5	5	34.63 EA
118X210P	½" F1807	10"	B	5	5	37.13 EA
118X212P	½" F1807	12"	B	5	5	42.13 EA
118X212PPK	½" F1807	12"	C*	4	4	42.63 EA
		¼-TURN				
119X204P	½" F1807	4"	B	2	2	38.63 EA
119X206P	½" F1807	6"	B	5	5	41.88 EA
119X208P	½" F1807	8"	B	5	5	43.13 EA
119X210P	½" F1807	10"	B	5	5	45.63 EA
119X212P	½" F1807	12"	B	5	5	50.63 EA

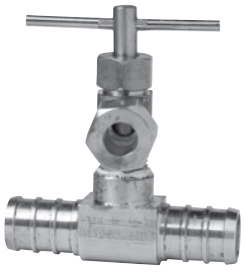
* As with all frost-proof hydrants, removal of hose is required to ensure against freezing and breaking.

PowerPEX™
Ice Maker Valve
Straight and Tee

- Great for adding ¼" O.D. supply lines for ice makers or humidifiers
- Lead-free solder joint

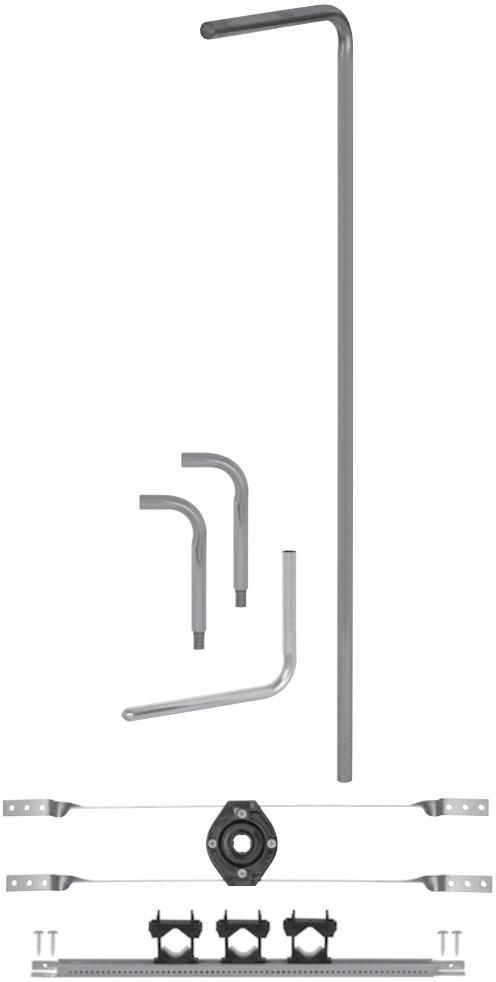


637X920



637X9220

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
	STRAIGHT				
637X920	½" F1807 × ¼" O.D. compression	B	25	250	11.11 EA
637X920PK2	½" F1807 × ¼" O.D. compression, 1/bag	C*	10	10	11.36 BG
	TEE				
637X9220	½" F1807 × ¼" O.D. compression	B	25	250	14.68 EA
637X9220PK2	½" F1807 × ¼" O.D. compression, 1/bag	C*	10	10	14.93 BG



693-13155301

PowerPEX™
ShowerUp™ Kits
F1807 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

Related Products
Build your own kit *p 262*

	Item No	Components	Bulk Item No	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	693-13155301	8" × 7" MSWT tub spout elbow 6" × 2¼" PEX F1807 × MSWT pressure connectors 50" × 8" MSWT elbow shower riser 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	613-87 632X263 608-L2508 525-16WLB 523-2434	✓	B*	12	12	50.69 KT
NEW	693-03124203	6" × 7" MIP swivel tub spout elbow 6" × 3" MIP swivel × PEX F1807 pressure connectors ½" MIP swivel × drop ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67X 632X263X 616-650X 523-2404 523-2434	✓	B*	12	12	73.10 KT
NEW	693-01124101	no tub spout elbow 6" × 3" MIP swivel × PEX F1807 pressure connectors ½" MIP swivel × drop ear 90, 30" 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	— 632X263X 616-630X 525-16WLB 523-2434		B*	12	12	51.75 KT
NEW	693-01155104	no tub spout elbow 6" × 2¼" MSWT × PEX F1807 pressure connectors ½" MSWT × spun, 30" × 8" stub out elbow 16" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 2TD clamp, 4 screws	— 632X263 608-L2308 525-16WLB 523-2434	✓	B*	12	12	35.47 KT
NEW	693-02134203	5" × 7" MIP swivel tub spout elbow MIP × PEX F1807 elbow adapter ½" MIP swivel × drop ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-57X 632X222M 616-650X 523-2404 523-2434		B*	12	12	67.35 KT

PowerPEX™

Stub Out Kits

F1807 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689X2101

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689X2101	3½" × 6", ½" F1807 PEX stub out elbow Strong Arm brackets with one, ½" Lock Block	630X246 525-1612	B*	12	12	7.39 KT
689X2201	3½" × 8", ½" F1807 PEX stub out elbow Strong Arm brackets with one, ½" Lock Block	630X248 525-1612	B*	12	12	8.02 KT
	FOR 24" STUD BAYS					
689X2111	3½" × 6", ½" F1807 PEX stub out elbow Strong Arm brackets with one, ½" Lock Block	630X246 525-2412	B*	12	12	7.82 KT
689X2211	3½" × 8", ½" F1807 PEX stub out elbow Strong Arm brackets with one, ½" Lock Block	630X248 525-2412	B*	12	12	8.45 KT

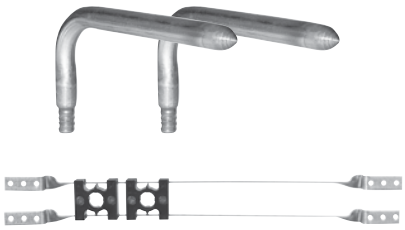
NO LEAD

PowerPEX™

Lav/Sink Stub Out Kits

F1807 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689X3102

Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689X3102	Two 3½" × 6", ½" F1807 PEX stub out elbows Strong Arm brackets with two ½" Lock Blocks	630X246 525-1622	B*	12	12	12.39 KT
689X3202	Two 3½" × 8", ½" F1807 PEX stub out elbows Strong Arm brackets with two ½" Lock Blocks	630X248 525-1622	B*	12	12	13.65 KT
	FOR 24" STUD BAYS					
689X3112	Two 3½" × 6", ½" F1807 PEX stub out elbows Strong Arm brackets with two ½" Lock Blocks	630X246 525-2422	B*	12	12	12.82 KT
689X3212	Two 3½" × 8", ½" F1807 PEX stub out elbows Strong Arm brackets with two ½" Lock Blocks	630X248 525-2422	B*	12	12	14.08 KT

NO LEAD



689X5103

PowerPEX™

Water Heater Stub Out Kits

F1807 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689X5103	Two 4½" × 8", ¾" F1807 PEX stub out elbows Strong Arm brackets with two ¾" Lock Blocks	630X348 525-1623	B*	12	12	25.14 KT
	FOR 24" STUD BAYS					
689X5113	3½" × 6", ½" F1807 PEX stub out elbow Strong Arm brackets with one, ½" Lock Block	630X348 525-2423	B*	12	12	25.53 KT

NO LEAD



689X2291

PowerPEX™

Shower Riser Elbow Kits

F1807 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689X2291	3½" × 8", ½" F1807 PEX stub out elbow Strong Arm brackets with one ½" Shower WallNut Lock Block	630X248 525-16WLB	B*	12	12	8.87 KT

NO LEAD

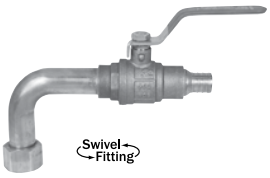
PowerPEX™

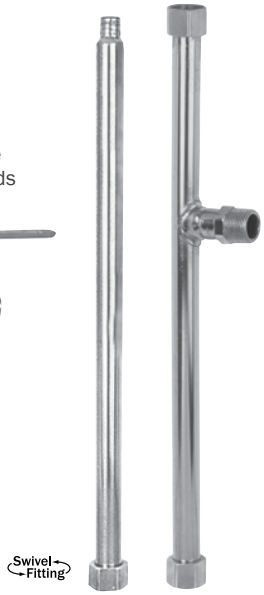
Water Heater Connector Kits

F1807 PEX Connection

- Pre-manufactured assemblies
- Maintains the necessary 18" distance from PEX

DO NOT use pipe dope on FIP threads





694XG32012091

Related Products
Build your own kit *p 271*

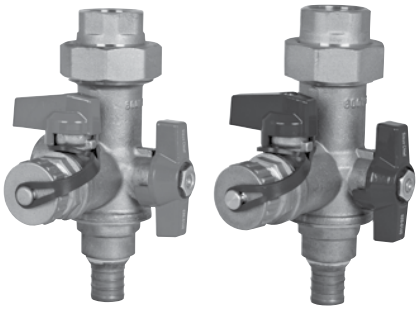
Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
694XG32012091	¾" FIP × ¾" F1807 PEX ¾" FIP × ¾" F1807 PEX elbow, w/ball valve ¾" × ¾" FIP swivel with ¾" MIP branch	633X18 631XG02FP 633-G3TM15	B*	10	10	95.77 KT
NEW 694XG322123	¾" FIP × ¾" F1807 PEX ¾" F1807 PEX × ¾" FIP swivel, ball valve Two ¾" MIP × ¾" MIP dielectric nipples	633X18 633XG18FP 635-33	B*	10	10	77.86 KT
694XG32012391	¾" FIP × ¾" F1807 PEX ¾" FIP × ¾" F1807 PEX elbow, w/ball valve Two ¾" MIP × ¾" MIP dielectric nipples ¾" × ¾" FIP swivel with ¾" MIP branch	633X18 631XG02FP 635-33 633-G3TM15	B*	10	10	104.51 KT
NEW 694XG322120	¾" FIP × ¾" F1807 PEX ¾" F1807 PEX × ¾" FIP swivel, ball valve	633X18 633XG18FP	B*	10	10	69.12 KT
NEW 694XG32012093	¾" FIP × ¾" F1807 PEX ¾" FIP × ¾" F1807 PEX elbow, w/ball valve ¾" × ¾" FIP swivel with ¾" MIP branch	633X18 631XG02FP 633-G3TM11	B*	10	10	93.79 KT

NO LEAD

PowerPEX™

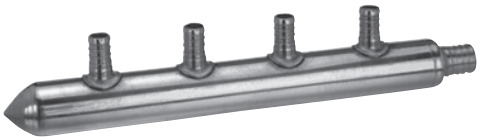
Tankless Water Heater Kits

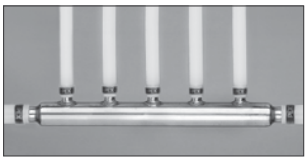
- Forged brass bodies
- 600 WOG full port valve
- Integral ¼-turn drain valve with cap
- ¾" hot connector has integral ¾" FIP port for pressure relief valve
- 1" hot connector has integral ¾" MIP port for pressure relief valve
- Fits most tankless water heaters
- Available with or without pressure-only relief valve
- Pressure-only relief valve rated at 150 PSI at 500,000 BTU/hr



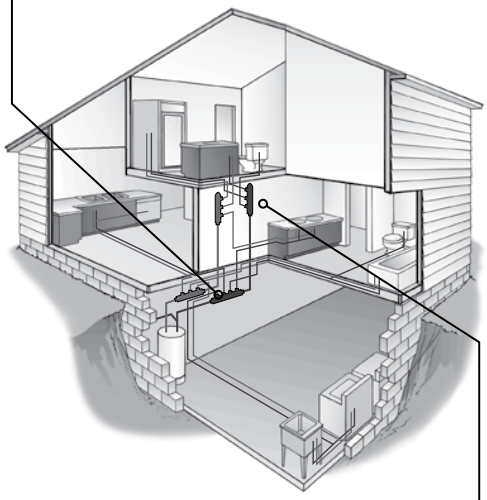
690X0145

Item No	Description	Pkg	Min Qty	Case Qty	List Price
690X0145	¾" hot and cold connectors	B*	1	1	133.49 EA
NEW 690X0175	¾" hot and cold connectors, with relief valve	B*	1	1	148.18 EA
690X4045	1" hot and cold connectors	B*	1	1	199.28 EA

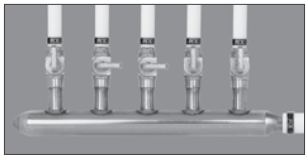




Primary Manifold



Secondary Manifold



PowerPEX™ BranchMaster™

Copper Manifolds

- Continuous runs of PEX piping without joints
- Cuts installation time
- Equalized flow to each fixture helps reduce pressure fluctuations which cause scalding
- Great for primary or secondary manifolding
- PEX branches have lead-free solder joints
- Sweat branches are brazed to trunk for safe soldering
- Manifolds with valved branches require access panels and those without valves do not require access panels
- Male sweat branch and trunk end connections are press-fitting compatible
- Copper manifolds are available with or without ball valves or balancing valves and are ideal for hydronic applications

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

PRESS-FITTING COMPATIBLE

Important Notes About Sioux Chief Male Sweat Fitting

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

PowerPEX™ BranchMaster™

Custom Copper Manifolds



Branch Options

- ⅜", ½" and ¾" PEX
- ½", ¾" and 1" male sweat
- ½", ¾" and 1" female sweat
- ½", ¾" and 1" MIP
- ½", ¾" and 1" FIP
- Optional distance between branch center
- Mini-ball or full port ball valves

Trunk Options

- ¾" CTS Type L
- 1" CTS Type L
- 1¼" CTS Type L
- 1½" CTS Type L
- 2" CTS Type L

Trunk End Options

- ¾" and 1" PEX
- ¾", 1", 1¼", 1½" and 2" male sweat
- ¾", 1", 1¼", 1½" and 2" female sweat
- ¾", 1", 1¼", 1½" and 2" MIP
- ¾", 1", 1¼", 1½" and 2" FIP
- 1", 1¼", 1½" and 2" CPVC
- ¾", 1", 1¼", 1½" and 2" spin closed
- Extended trunk ends
- Full port ball valve

All custom manifolds have a minimum quantity of 25. Custom made parts are not normal stock, and cannot be returned, except in cases of manufacturer's defect.

PowerPEX™

⅜" F1807 PEX Branches
¾" F1807 PEX × Spin Closed Trunk

- 1" Type L copper trunk
- Branches are 2" on-center



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
671X0490	4	⅜" F1807	B	25	25	24.56 EA
671X0690	6	⅜" F1807	B	25	25	30.84 EA
671X0890	8	⅜" F1807	B	25	25	39.81 EA
671X1090	10	⅜" F1807	B	25	25	50.05 EA
671X1290	12	⅜" F1807	B	25	25	59.38 EA

NO LEAD

PowerPEX™

⅜" F1807 PEX Branches
¾" Male Sweat × Spin Closed Trunk

- 1" Type L copper trunk
- ¾" male sweat connection provides flexibility
- Branches are 2" on-center



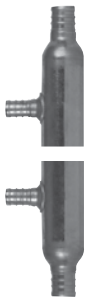
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
671X0430	4	⅜" F1807	B	25	25	25.89 EA
671X0630	6	⅜" F1807	B	25	25	33.02 EA
671X0830	8	⅜" F1807	B	25	25	41.02 EA
671X1030	10	⅜" F1807	B	25	25	51.80 EA
671X1230	12	⅜" F1807	B	25	25	61.03 EA

NO LEAD

PowerPEX™

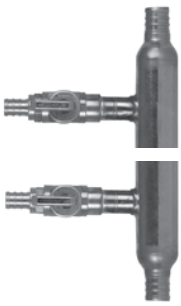
½" F1807 PEX Branches
¾" F1807 PEX × ¾" F1807 PEX Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Great as a primary manifold



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0399	3	½" F1807	B	25	25	16.68 EA
672X0499	4	½" F1807	B	25	25	20.62 EA
672X0499PK	4	½" F1807	C*	6	6	21.12 EA
672X0599	5	½" F1807	B	25	25	24.21 EA
672X0699	6	½" F1807	B	25	25	25.93 EA
672X0699PK	6	½" F1807	C*	6	6	26.43 EA
672X0899	8	½" F1807	B	25	25	33.74 EA
672X0999	9	½" F1807	B	25	25	37.11 EA
672X1299	12	½" F1807	B	25	25	49.56 EA

NO LEAD



PowerPEX™

½" F1807 PEX Ball Valve Branches
¾" F1807 PEX × ¾" F1807 PEX Trunk

- 1" Type L copper trunk
- Branches are 2" on-center

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XV0499	4	½" F1807 ball valve	B	1	10	83.72 EA
672XV0599	5	½" F1807 ball valve	B	1	10	102.36 EA
672XV0699	6	½" F1807 ball valve	B	1	10	121.75 EA
672XV0699-2PK	6	½" F1807 ball valve	C*	5	5	122.75 EA



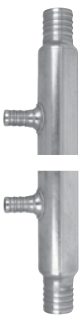
PowerPEX™

½" F1807 PEX Branches
¾" F1807 PEX × 1" F1807 PEX Trunk

- 1" Type L copper trunk
- Branches are 2" on-center

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0497	4	½" F1807	B	10	10	25.35 EA
672X0697	6	½" F1807	B	10	10	31.59 EA
672X0897	8	½" F1807	B	10	10	41.86 EA
672X1297	12	½" F1807	B	10	10	61.73 EA



PowerPEX™

½" F1807 PEX Branches
1" F1807 PEX × 1" F1807 PEX Trunk

- 1" Type L copper trunk
- Branches are 2" on-center

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0477	4	½" F1807	B	10	10	24.96 EA
672X0677	6	½" F1807	B	10	10	30.48 EA
672X0877	8	½" F1807	B	10	10	40.21 EA
672X1277	12	½" F1807	B	10	10	59.20 EA

PowerPEX™

½" F1807 PEX Branches
¾" F1807 PEX × Spin Closed Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Great as a secondary manifold



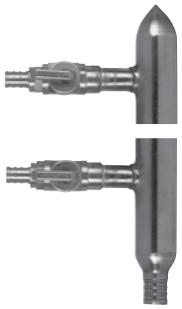
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0390	3	½" F1807	B	25	25	17.18 EA
672X0390PK	3	½" F1807	C*	5	5	17.68 EA
672X0490	4	½" F1807	B	25	25	20.51 EA
672X0490PK	4	½" F1807	C*	5	5	21.01 EA
672X0590	5	½" F1807	B	25	25	24.36 EA
672X0690	6	½" F1807	B	25	25	26.05 EA
672X0690PK	6	½" F1807	C*	5	5	26.55 EA
672X0790	7	½" F1807	B	25	25	30.94 EA
672X0890	8	½" F1807	B	25	25	32.78 EA
672X0990	9	½" F1807	B	25	25	35.78 EA
672X1090	10	½" F1807	B	25	25	40.92 EA
672X1290	12	½" F1807	B	25	25	50.78 EA

NO LEAD

PowerPEX™

½" F1807 PEX Ball Valve Branches
¾" F1807 PEX × Spin Closed Trunk

- 1" Type L copper trunk
- Branches are 2" on-center



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XV0490	4	½" F1807 ball valve	B	1	10	81.85 EA
672XV0490PK	4	½" F1807 ball valve	C*	5	5	82.35 EA
672XV0590	5	½" F1807 ball valve	B	1	10	100.71 EA
672XV0690	6	½" F1807 ball valve	B	1	10	119.46 EA

PowerPEX™

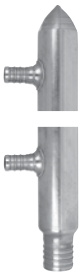
½" F1807 PEX Branches
¾" F1807 PEX ×
Spin Closed Extended Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Extended ends can be easily converted to 1" male sweat by cutting off the reduction or spin closed end, leaving 5" from PEX branch



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0490EE	4	½" F1807	B	10	10	31.82 EA
672X0690EE	6	½" F1807	B	10	10	40.24 EA

NO LEAD



PowerPEX™

½" F1807 PEX Branches
1" F1807 PEX × Spin Closed Trunk

- 1" Type L copper trunk
- Branches are 2" on-center

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0470	4	½" F1807	B	10	10	23.99 EA
672X0670	6	½" F1807	B	10	10	28.75 EA
672X0870	8	½" F1807	B	10	10	39.11 EA
672X1270	12	½" F1807	B	10	10	58.25 EA



PowerPEX™

½" F1807 PEX Branches
¾" Male Sweat ×
¾" Male Sweat Extended Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Extended ends can be easily converted to 1" male sweat by cutting off the reduction or spin closed end, leaving 5" from PEX branch

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0433EE	4	½" F1807	B	10	10	31.26 EA
672X0633EE	6	½" F1807	B	10	10	38.49 EA
672X0833EE	8	½" F1807	B	10	10	47.96 EA
672X1033EE	10	½" F1807	B	10	10	57.20 EA
672X1233EE	12	½" F1807	B	10	10	71.24 EA



PowerPEX™

½" F1807 PEX Branches
¾" Male Sweat ×
¾" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center

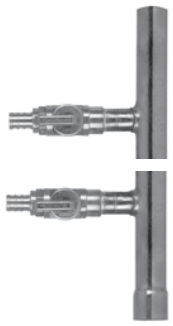
NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0431PK	4	½" F1807	C*	5	5	30.31 EA

PowerPEX™

½" F1807 PEX Ball Valve Branches
¾" Male Sweat × ¾" Female Sweat Trunk

- ¾" Type L copper trunk
- Branches are 2" on-center



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XV3L-0431PK	4	½" F1807 ball valve	C*	5	5	90.05 EA

PowerPEX™

½" F1807 PEX Branches
¾" Male Sweat × Spin Closed Trunk

- 1" Type L copper trunk
- ¾" male sweat connection provides flexibility
- Branches are 2" on-center



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0330	3	½" F1807	B	25	25	17.52 EA
672X0430	4	½" F1807	B	25	25	21.36 EA
672X0630	6	½" F1807	B	25	25	28.55 EA
672X0830	8	½" F1807	B	25	25	34.51 EA
672X0930	9	½" F1807	B	25	25	38.15 EA
672X1230	12	½" F1807	B	25	25	51.70 EA

NO LEAD

PowerPEX™

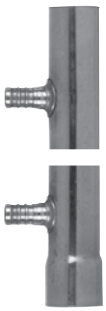
½" F1807 PEX Branches
1" Male Sweat × 1" Male Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0444	4	½" F1807	B	25	25	26.92 EA
672X0644	6	½" F1807	B	25	25	30.63 EA
672X0844	8	½" F1807	B	25	25	40.30 EA
672X1244	12	½" F1807	B	25	25	51.62 EA

NO LEAD



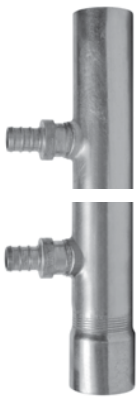
PowerPEX™

½" F1807 PEX Branches
1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0441PK	4	½" F1807	C*	5	5	30.25 EA



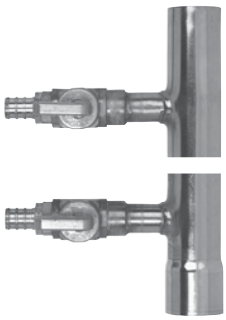
PowerPEX™

½" F1807 PEX Branches
1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center (unless noted)
- Brazed branches

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0242	2	½" F1807	B	1	10	32.27 EA
672X0342	3	½" F1807	B	1	10	37.53 EA
672X0442	4	½" F1807	B	1	10	42.60 EA
672X4L-1131B3	11	½" F1807, 3" O.C.	B	5	5	105.00 EA



PowerPEX™

½" F1807 PEX Ball Valve Branches
1" Male Sweat × 1" Female Sweat Trunk

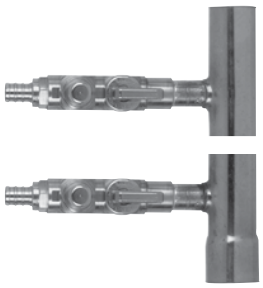
- 1" Type L copper trunk
- Branches are 2" on-center (unless noted)

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XV0242	2	½" F1807 ball valve	B	1	10	48.10 EA
672XV0342	3	½" F1807 ball valve	B	1	10	64.84 EA
672XV0431PK	4	½" F1807 ball valve	C*	5	5	86.06 EA
672XV0442	4	½" F1807 ball valve	B	1	10	81.59 EA
672XV4L-11313	11	½" F1807 ball valve, 3" O.C.	B	1	5	256.02 EA

PowerPEX™

½" F1807 PEX Balancing Valve Branches
1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XB0242	2	½" F1807 balancing valve	B	1	10	90.31 EA
672XB0342	3	½" F1807 balancing valve	B	1	10	127.33 EA
672XB0442	4	½" F1807 balancing valve	B	1	10	167.10 EA

PowerPEX™

½" F1807 PEX Branches
1" Male Sweat × Spin Closed Trunk

- 1" Type L copper trunk can be easily converted to most any connection
- Branches are 2" on-center
- 1" male sweat inlet is press-fitting compatible



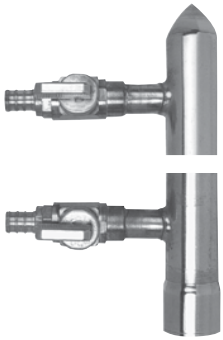
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X0440	4	½" F1807	B	25	25	24.41 EA
672X0640	6	½" F1807	B	25	25	30.46 EA
672X0840	8	½" F1807	B	25	25	36.35 EA
672X1240	12	½" F1807	B	25	25	50.87 EA

NO LEAD

PowerPEX™

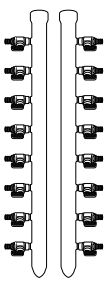
½" F1807 PEX Ball Valve Branches
1" Female Sweat × Spin Closed Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Valved branches are perfect for centrally located water supply manifolds



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
RIGHT INLET						
672XV0810	8	½" F1807 ball valve	B	1	10	151.05 EA
672XV1010	10	½" F1807 ball valve	B	1	10	187.23 EA
672XV1210	12	½" F1807 ball valve	B	1	4	211.16 EA
672XV1510	15	½" F1807 ball valve	B	1	5	280.52 EA
672XV1810	18	½" F1807 ball valve	B	1	5	351.66 EA
LEFT INLET						
672XV0810L	8	½" F1807 ball valve	B	1	10	151.05 EA
672XV1010L	10	½" F1807 ball valve	B	1	10	187.23 EA
672XV1210L	12	½" F1807 ball valve	B	1	4	211.16 EA
672XV1510L	15	½" F1807 ball valve	B	1	5	280.52 EA
672XV1810L	18	½" F1807 ball valve	B	1	5	351.66 EA

Use left and right inlet manifolds for hot and cold potable water systems.



672XV0810L 672XV0810



PowerPEX™

½" F1807 PEX Branches

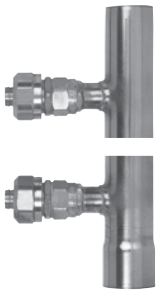
1" CPVC × Spin Closed Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Perfect for hybrid potable water piping systems

NO LEAD

FBC SYSTEM COMPATIBLE

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672X03C0	3	½" F1807	B	10	10	29.48 EA
672X04C0	4	½" F1807	B	10	10	33.84 EA
672X05C0	5	½" F1807	B	10	10	38.32 EA
672X06C0	6	½" F1807	B	10	10	42.58 EA
672X08C0	8	½" F1807	B	10	10	48.57 EA
672X10C0	10	½" F1807	B	10	10	54.56 EA
672X12C0	12	½" F1807	B	10	10	60.55 EA



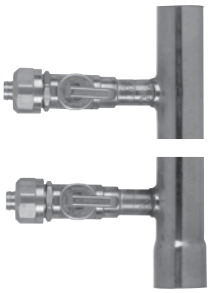
PowerPEX™

½" ComPEX Branches

1" Male Sweat × 1" Female Sweat Trunk

- ½" ComPEX ⅝" O.D. compression branches
- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672C0242	2	½" ComPEX	B	1	10	46.84 EA
672C0342	3	½" ComPEX	B	1	10	66.38 EA
672C0442	4	½" ComPEX	B	1	10	83.64 EA



PowerPEX™

½" ComPEX Ball Valve Branches

1" Male Sweat × 1" Female Sweat Trunk

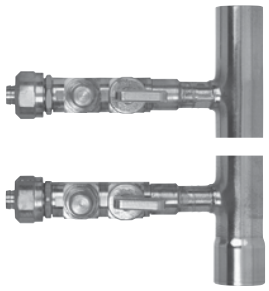
- ½" ComPEX ⅝" O.D. compression branches
- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672CV0242	2	½" ComPEX ball valve	B	1	10	62.54 EA
672CV0342	3	½" ComPEX ball valve	B	1	10	88.63 EA
672CV0442	4	½" ComPEX ball valve	B	1	10	112.36 EA

PowerPEX™

½" ComPEX Balancing Valve Branches
1" Male Sweat × 1" Female Sweat Trunk

- ½" ComPEX ⅝" O.D. compression branches
- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672CB0242	2	½" ComPEX balancing valve	B	1	10	104.74 EA
672CB0342	3	½" ComPEX balancing valve	B	1	10	148.59 EA
672CB0442	4	½" ComPEX balancing valve	B	1	10	189.31 EA

PowerPEX™

Mixed F1807 PEX Branches
¾" PEX × ¾" PEX Trunk

- 1" Type L copper trunk
- Branches are 2" on-center



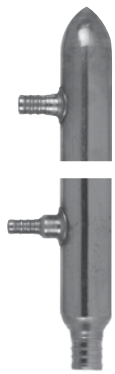
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
679X152199	6	5 @ ⅜" F1807 1 @ ½" F1807	B	10	10	31.75 EA
679X172199	8	7 @ ⅜" F1807 1 @ ½" F1807	B	10	10	40.03 EA
679X102299	12	10 @ ⅜" F1807 2 @ ½" F1807	B	10	10	61.94 EA

NO LEAD

PowerPEX™

Mixed F1807 PEX Branches
¾" PEX × Spin Closed Trunk

- 1" Type L copper trunk
- Branches are 2" on-center



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
679X152190	6	5 @ ⅜" F1807 1 @ ½" F1807	B	10	10	30.98 EA

NO LEAD



672BXT0390



672BXT0399

NEW PowerPEX™

Slab Manifolds

- Perfect as a secondary manifold for a bathroom group
- Great for looping PEX lines back under a slab

Item No	Description	Pkg	Min Qty	Case Qty	List Price
672BXT0390	Mini Manifold 3-Port ¾ F1807 x Closed	C*	10	10	16.37 EA
672BXT0399	Mini Manifold 3-Port ¾ F1807 x ¾ F1807	C*	10	10	17.22 EA
672BXT0490	Mini Manifold 4-Port ¾ F1807 x Closed	C*	10	10	18.11 EA
672BXT0499	Mini Manifold 4-Port ¾ F1807 x ¾ F1807	C*	10	10	19.65 EA

NSF



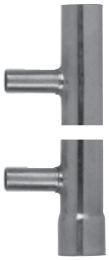
BranchMaster™

½" Male Sweat Branches
1" Male Sweat × 1" Male Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Press-fitting compatible

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
678-20344	3	½" male sweat	B	10	10	21.01 EA
678-20644	6	½" male sweat	B	10	10	32.40 EA
678-21244	12	½" male sweat	B	10	10	63.41 EA

NO LEAD



BranchMaster™

½" Male Sweat Branches
1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center (unless noted)
- Press-fitting compatible

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
678-20242	2	½" male sweat	B	10	10	18.91 EA
678-20342	3	½" male sweat	B	10	10	22.03 EA
678-20442	4	½" male sweat	B	10	10	24.44 EA
6784L-11313	11	½" male sweat, 3" O.C.	B	5	5	74.06 EA

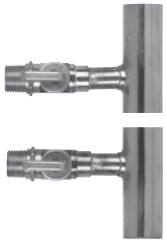
NO LEAD

BranchMaster™

½" MIP/Female Sweat Ball Valve Branches

1" Male Sweat × 1" Male Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications



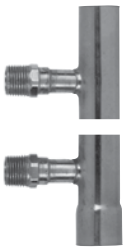
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-V20244	2	½" MIP/female sweat ball valve	B	1	10	47.57 EA
675-V20344	3	½" MIP/female sweat ball valve	B	1	10	65.87 EA
675-V20444	4	½" MIP/female sweat ball valve	B	1	10	84.31 EA
675-V20544	5	½" MIP/female sweat ball valve	B	1	10	101.67 EA

BranchMaster™

½" MIP Branches

1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications



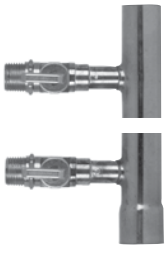
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-20242	2	½" MIP	B	10	10	30.11 EA
675-20342	3	½" MIP	B	10	10	35.22 EA
675-20442	4	½" MIP	B	10	10	42.73 EA

BranchMaster™

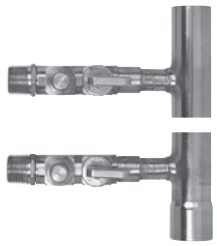
½" MIP/Female Sweat Ball Valve Branches

1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-V20242	2	½" MIP/female sweat ball valve	B	1	10	50.75 EA
675-V20342	3	½" MIP/female sweat ball valve	B	1	10	68.06 EA
675-V20442	4	½" MIP/female sweat ball valve	B	1	10	85.76 EA



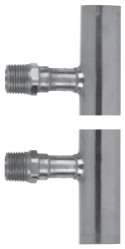
BranchMaster™

½" MIP/Female Sweat Balancing Valve Branches

1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-B20242	2	½" MIP/female sweat balancing valve	B	1	12	89.41 EA
675-B20342	3	½" MIP/female sweat balancing valve	B	1	10	126.52 EA
675-B20442	4	½" MIP/female sweat balancing valve	B	1	10	160.11 EA



BranchMaster™

½" MIP Branches

1" Male Sweat × 1" Male Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-20244	2	½" MIP	B	10	10	27.19 EA
675-20344	3	½" MIP	B	10	10	32.30 EA
675-20444	4	½" MIP	B	10	10	40.74 EA
675-20544	5	½" MIP	B	10	10	49.91 EA



BranchMaster™

¾" Male Sweat Branches

1¼" Male Sweat × 1¼" Male Sweat Trunk

- Branches are 3" on-center
- 1¼" Type L copper trunk
- Press-fitting compatible

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
6795L-12333	12	¾" male sweat	B	1	5	156.82 EA

BranchMaster™

¾" Male Sweat Branches
1½" Male Sweat × 1½" Male Sweat Trunk

- Branches are 3" on-center
- 1½" Type L copper trunk
- Press-fitting compatible



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price	
6796L-12333	12	¾" male sweat	B	1	5	171.61 EA	NO LEAD

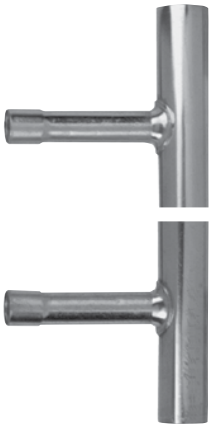
BranchMaster™

¾" Male Sweat Branches
2" Male Sweat × 2" Male Sweat Trunk

- Branches are 3" on-center
- 2" Type L copper trunk
- Press-fitting compatible



Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price	
6797L-12333	12	¾" male sweat	B	1	4	219.47 EA	NO LEAD



BranchMaster™

¾" Female Sweat Branches 1¼" Male Sweat × 1¼" Male Sweat Trunk

- Branches are 4" on-center
- 1¼" Type L copper trunk
- Press-fitting compatible

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
67745L-08334	8	¾" female sweat	B	1	5	130.71 EA



677-11

BranchMaster™

Manifold Endpiece

- 1" Type L copper trunk
- ⅛" FIP and ½" FIP branches
- Outlets connect to gauges, valves or service points
- Perfect for radiant heat manifold application

Item No	Branch Qty	Trunk Ends	Pkg	Min Qty	Case Qty	List Price
677-11	2	1" female sweat × spin closed	B	1	10	32.86 EA
677-116	2	1½" female sweat × spin closed	B	1	10	41.82 EA
677-117	2	2" female sweat × spin closed	B	1	10	49.69 EA

PowerPEX™
Crimp Tools

Complete line of F1807 crimp tool options:

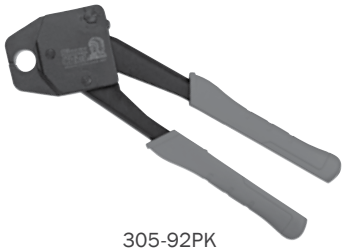
- Composite handles are strong and durable, yet lightweight
- Compact tools allow for one-hand crimping
- Combo tools for the most common crimp connections and added cost savings
- Free Go/No-Go gauge provided with every model
- Also work on PB F1380 tube and fittings
- PowerPEX™ Tools by Tomahawk™



305-40CPK



305-23CPK



305-92PK



305-100PK1



305-95



305-41CKIT

	Item No	Description	Length	Pkg	Min Qty	Case Qty	List Price
		COMPOSITE HANDLE					
NEW	305-20CPK	½"	14"	B*	1	10	170.00 EA
NEW	305-30CPK	¾"	14"	B*	1	10	170.00 EA
	305-23CPK	½" over ¾" combo	14"	B*	1	10	170.00 EA
	305-40CPK	1"	14"	B*	1	10	180.00 EA
		COMPOSITE HANDLE KIT					
NEW	305-41CKIT	⅜", ½", ¾" & 1"	16"	B*	1	10	252.88 EA
		COMPACT OFFSET WITH STEEL HANDLE					
	305-91PK	⅜" with carrying case	11"	B*	1	12	130.00 EA
	305-92PK	½" with carrying case	11"	B*	1	10	130.00 EA
	305-93PK	¾" with carrying case	11.5"	B*	1	10	130.00 EA
		MULTI-SIZE BLOCK STYLE					
	305-100PK1	⅜"–1" economical model	—	C*	1	10	45.13 EA
		GO/NO-GO GAUGE					
	305-95	Gauge ⅜", ½", ¾" & 1"	—	C*	12	12	6.96 EA



305-99

PowerPEX™

Crimp Ring Removal Tool

F1807 PEX Tool

- Two cuts on copper ring allows user to reclaim fitting
- Cutting blade only penetrates the copper ring and pipe
- Suitable for use on ½" through 1" PEX pipe sizes
- Allows fitting recovery without damaging the sealing surfaces of the fitting
- Do not use on Copper F1807 PEX or AccuCrimp™ fittings
- PowerPEX™ Tools by Tomahawk™

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-99	Crimp ring removal tool	B*	1	10	58.00 EA



305-83TX



305-92TX

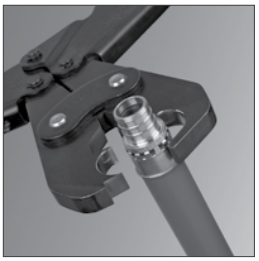
PowerPEX™

Stainless Steel PEX Compression Tools

Patent# D628,036 S

- Exclusively for installing Sioux Chief's V-Sleeve™ stainless steel PEX compression system
- Steel handle
- PowerPEX™ Tools by Tomahawk™





Unique jaw design for stainless steel sleeves reduces chances of confusion with common *crimp ring* tools.

Related Products
V-Sleeve *p 32*



Item No	Description	Pkg	Min Qty	Case Qty	List Price
	STEEL HANDLE				
305-82TX	½" press tool	B*	1	10	220.00 EA
305-83TX	¾" press tool	B*	1	10	220.00 EA
305-84TX	1" press tool	B*	1	10	270.00 EA
	GO/NO-GO GAUGE				
305-85TX	Go/No-Go gauge ½", ¾" & 1"	B*	1	12	9.15 EA
	COMPACT OFFSET WITH STEEL HANDLE				
NEW 305-92TX	½" press tool	B*	1	10	185.00 EA

PowerPEX™
Plastic Tube Cutter
F1807 PEX Tool

- Quickly cut PEX, PVC, CPVC and other poly pipe or non-metallic hose
- For 1⅛" O.D. tube or smaller, but with two different blade lengths, depending on your preference
- Replacement blades available
- PowerPEX™ Tools by Tomahawk™



304-08

Item No	Description	Pkg	Min Qty	Case Qty	List Price
304-08	Plastic tube and hose cutter – 2¼" blade length	C*	12	72	16.70 EA
304-1	Stainless steel replacement blade for 304-08	B	1	50	5.50 EA
304-12	Plastic tube and hose cutter – 3¼" blade length	C*	1	12	16.70 EA
304-12B	Stainless steel replacement blade for 304-12	B	1	12	6.75 EA

PowerPEX™
Ratchet Tube Cutter
F1807 PEX Tool

- For use with PVC and polyethylene piping
- Easy ratchet cutting action
- PowerPEX™ Tools by Tomahawk™



304-11



305-A139092

Item No	Description	Pkg	Min Qty	Case Qty	List Price
304-11	Cuts ⅜" thru 1¼" diameter tube/pipe	C*	1	12	20.72 EA
305-A139092	Cuts 1¼" thru 2" diameter tube/pipe	B	1	10	235.00 EA
305-A139092B	Replacement blade	B	1	25	27.85 EA

PowerPEX™
NEW Stainless Steel PEX Tube Insert

- Inserts reinforce inner PEX tube wall for compression connections



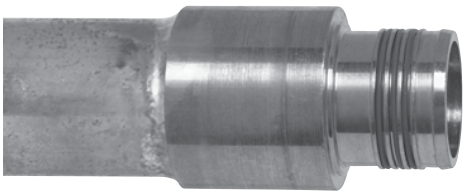
280-A266537

Item No	Description	Pkg	Min Qty	Case Qty	List Price
280-A266537	½"	B	10	2500	1.49 EA
280-A266607	¾"	B	50	1000	5.60 EA
280-A266617	1"	B	50	1000	6.37 EA
280-A266627	1¼"	B	25	25	11.23 EA
280-A266637	1½"	B	25	25	12.00 EA
280-A266647	2"	B	25	25	13.37 EA

NO LEAD

Notes

F2434 FAILSAFE™ FITTINGS



Failsafe™ fittings are manufactured to the ASTM F2434 Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing. Sioux Chief F2434 fittings are made in the United States with domestic materials.

O-rings must be in place for proper installation. Failsafe female and male sweat adapter o-rings must be installed by the installer after the solder connection and before making the crimp connection.

NSF-PW, except 1½".

Failsafe™ Crimp Ring



649X5

Item No	Description	Pkg	Min Qty	Case Qty	List Price
649X5	1¼" Failsafe	B	25	250	2.40 EA
649X6	1½" Failsafe	B	25	250	3.31 EA

Failsafe™ Elbow

- One-piece standard brass



642X5

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642X5	Failsafe elbow 1¼" × 1¼"	B	10	50	24.70 EA

Failsafe™ Tee

- One-piece standard brass



641X555

Item No	Description (Branch × Branch × Tee)	Pkg	Min Qty	Case Qty	List Price
641X544	Failsafe tee 1¼" × 1" × 1"	B	10	50	29.66 EA
641X552	Failsafe tee 1¼" × 1¼" × ½"	B	10	50	26.87 EA
641X553	Failsafe tee 1¼" × 1¼" × ¾"	B	10	50	29.36 EA
641X554	Failsafe tee 1¼" × 1¼" × 1"	B	10	50	29.71 EA
641X555	Failsafe tee 1¼" × 1¼" × 1¼"	B	5	50	27.25 EA



645X5

Failsafe™
Coupling

- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645X54	Failsafe 1¼" × 1"	B	10	100	19.99 EA
645X5	Failsafe 1¼" × 1¼"	B	10	10	22.43 EA
645X6	Failsafe 1½" × 1½"	B	10	50	43.51 EA



640X05

Failsafe™
Plug

- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
640X05	1¼" Failsafe test plug	B	10	100	24.94 EA
640X06	1½" Failsafe test plug	B	10	50	30.86 EA



643X5



646X5

Failsafe™
Straight Adapter

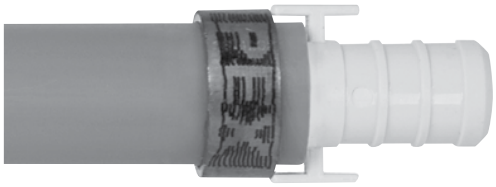
Male Sweat × Failsafe
Female Sweat × Failsafe
MIP × Failsafe
CPVC × Failsafe
PVC × Failsafe

- O-rings are not installed on sweat adapters. After solder connection is made, install o-rings in proper location before making crimp connections
- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	MSWT				
643X5	1¼" Failsafe × 1¼" MSWT	B	10	100	21.58 EA
643X6	1½" Failsafe × 1½" MSWT	B	10	100	32.28 EA
	FSWT				
644X45	1¼" Failsafe × 1" FSWT	B	10	50	45.37 EA
644X5	1¼" Failsafe × 1¼" FSWT	B	10	50	23.32 EA
	MIP				
646X5	1¼" Failsafe × 1¼" MIP	B	10	50	36.63 EA
	CPVC				
645XC54	1¼" Failsafe × 1" CPVC	B	10	10	59.98 EA
645XC5	1¼" Failsafe × 1¼" CPVC	B	10	10	38.26 EA
	PVC				
645X54P	1¼" Failsafe × 1" PVC	B	10	10	58.13 EA
645X5P	1¼" Failsafe × 1¼" PVC	B	10	10	62.29 EA

F2159 ACCUCRIMP™ FITTINGS

Patent Pending



AccuCrimp fittings have patented positioning tabs which perfectly locate the ring over the barbs every time.

All Sioux Chief AccuCrimp Polymer PEX fittings are manufactured to the ASTM F2159 Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyetheylene (PEX) tubing. AccuCrimp PEX fittings are interchangeable and compatible with all other fittings manufactured to this same standard. Sioux Chief F2159 fittings are made in Canada with domestic materials.

Sioux Chief AccuCrimp fittings are certified and listed to the cNSF®us pwG, UPC and CSA B137.5.

Sioux Chief allows the use of either a copper crimp or Sioux Chief V-Sleeve to connect SDR9 PEX tubing to an AccuCrimp PEX fitting.

AccuCrimp F2159 PEX fittings are made of Acudel®.

Caution: Primers, solvents, glues, lubricants, pipe dopes, thread oils and paste should not come in contact with PPSU (Polyphenylsulfone) fittings. AccuCrimp F2159 fittings must be stored away from petroleum products and direct sunlight to protect from UV exposure.

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

PowerPEX™

PEX Crimp Ring

- Pure, annealed copper rings
- For use with PEX SDR9 tubing only
- Do not use with PB tube

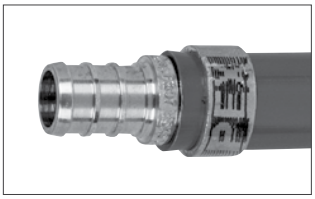


649X2



Related Products
PEX crimp tools *p 81*

Item No	Description	Pkg	Min Qty	Case Qty	List Price
649X1	⅜" PEX	B	100	1000	0.25 EA
649X1PK2	⅜" PEX, 25/bag	C*	6	6	6.50 BG
649X2	½" PEX	B	100	1000	0.21 EA
649X2PK2	½" PEX, 25/bag	C*	24	24	5.58 BG
649X2PK3	½" PEX, 100/bag	C*	10	10	22.30 BG
649X3	¾" PEX	B	100	500	0.28 EA
649X3PK2	¾" PEX, 25/bag	C*	12	12	7.33 BG
649X3PK3	¾" PEX, 100/bag	C*	10	10	29.30 BG
649X4	1" PEX	B	25	250	0.47 EA
649X4PK2	1" PEX, 10/bag	C*	10	10	4.80 BG





649TX2

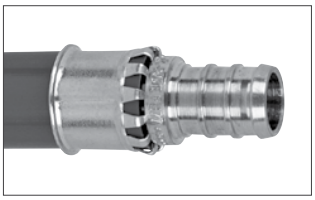


649TX4

PowerPEX™
V-Sleeve™
Stainless Steel PEX Compression System

Patent# 8,123,257

- V-Sleeves™ are to be used with ASTM F1807 and F2159 PEX fittings in conjunction with any SDR9 PEX tubing manufactured to the ASTM F876 or ASTM F877
- Visibility of tube fully inserted in sleeve and to tube stop on fitting
- 360° visibility of crimped sleeve
- 360° compression on all sealing surface areas
- Sleeve can be pre-loaded onto fitting or tube
- V-Sleeve must be installed using a Sioux Chief 305-8_TX compression tool
- Third-party tested to ASTM F877



Related Products
V-Sleeve PEX crimp tools *p 82*



Item No	Description	Pkg	Min Qty	Case Qty	List Price
649TX2	½" stainless steel PEX sleeve	B	100	1000	0.35 EA
649TX3	¾" stainless steel PEX sleeve	B	100	500	0.46 EA
649TX4	1" stainless steel PEX sleeve	B	25	250	0.81 EA



642XP2

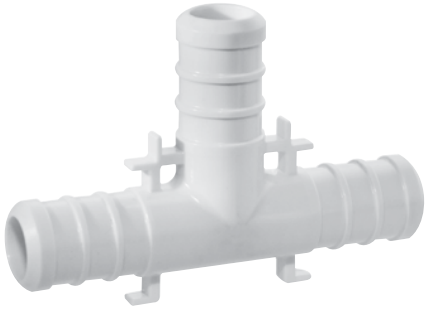
PowerPEX™
AccuCrimp™ Elbow

- Use elbows when a tight radius 90° turn is needed
- Tabs perfectly position crimp ring or sleeve over sealing barbs every time

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642XP2	½" AccuCrimp × ½" AccuCrimp	B	25	250	0.80 EA
642XP3	¾" AccuCrimp × ¾" AccuCrimp	B	25	250	1.23 EA
642XP32	¾" AccuCrimp × ½" AccuCrimp	B	25	250	1.15 EA
642XP4	1" AccuCrimp × 1" AccuCrimp	B	25	25	3.33 EA

PowerPEX™
AccuCrimp™ Tee

- A wide selection of tee configurations
- Tabs perfectly position crimp ring or sleeve over sealing barbs every time



641XP222

	Item No	Description (Branch × Branch × Tee)	Pkg	Min Qty	Case Qty	List Price
	641XP222	½" AccuCrimp × ½" AccuCrimp × ½" AccuCrimp	B	50	500	1.02 EA
NEW	641XP223	½" AccuCrimp × ½" AccuCrimp × ¾" AccuCrimp	B	20	200	1.54 EA
	641XP322	¾" AccuCrimp × ½" AccuCrimp × ½" AccuCrimp	B	20	200	1.54 EA
	641XP323	¾" AccuCrimp × ½" AccuCrimp × ¾" AccuCrimp	B	20	200	1.54 EA
	641XP332	¾" AccuCrimp × ¾" AccuCrimp × ½" AccuCrimp	B	20	200	1.54 EA
	641XP333	¾" AccuCrimp × ¾" AccuCrimp × ¾" AccuCrimp	B	20	200	1.54 EA
NEW	641XP334	¾" AccuCrimp × ¾" AccuCrimp × 1" AccuCrimp	B	20	200	3.34 EA
NEW	641XP433	1" AccuCrimp × ¾" AccuCrimp × ¾" AccuCrimp	B	20	200	3.34 EA
NEW	641XP434	1" AccuCrimp × ¾" AccuCrimp × 1" AccuCrimp	B	20	200	3.41 EA
NEW	641XP442	1" AccuCrimp × 1" AccuCrimp × ½" AccuCrimp	B	20	200	3.34 EA
NEW	641XP443	1" AccuCrimp × 1" AccuCrimp × ¾" AccuCrimp	B	20	200	3.34 EA
	641XP444	1" AccuCrimp × 1" AccuCrimp × 1" AccuCrimp	B	20	200	3.34 EA

NO LEAD

PowerPEX™
AccuCrimp™ Coupling

- Tabs perfectly position crimp ring or sleeve over sealing barbs every time



645XP2

	Item No	Description	Pkg	Min Qty	Case Qty	List Price
	645XP2	½" AccuCrimp × ½" AccuCrimp	B	100	1000	0.60 EA
	645XP3	¾" AccuCrimp × ¾" AccuCrimp	B	50	50	0.75 EA
	645XP32	¾" AccuCrimp × ½" AccuCrimp	B	50	500	0.95 EA
	645XP4	1" AccuCrimp × 1" AccuCrimp	B	25	250	1.45 EA
NEW	645XP42	1" AccuCrimp × ½" AccuCrimp	B	25	250	1.78 EA
NEW	645XP43	1" AccuCrimp × ¾" AccuCrimp	B	25	250	1.46 EA

NO LEAD



640XP12

PowerPEX™
AccuCrimp™ Plug

- Tabs perfectly position crimp ring or sleeve over sealing barbs every time

Item No	Description	Pkg	Min Qty	Case Qty	List Price
640XP12	½" AccuCrimp	B	100	1000	0.57 EA
640XP13	¾" AccuCrimp	B	100	1000	0.95 EA
640XP14	1" AccuCrimp	B	25	250	1.37 EA

NO LEAD



646XP2

PowerPEX™
AccuCrimp™ Straight Adapter
MIP × F2159 PEX

- Transition from thread fitting to PEX tubing
- Tabs perfectly position crimp ring or sleeve over sealing barbs every time

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646XP2	½" MIP × ½" AccuCrimp	B	100	100	1.06 EA
646XP3	¾" MIP × ¾" AccuCrimp	B	25	250	1.37 EA
646XP4	1" MIP × 1" AccuCrimp	B	25	250	2.00 EA
646XP23	½" MIP × ¾" AccuCrimp	B	50	50	1.33 EA
646XP32	¾" MIP × ½" AccuCrimp	B	50	50	1.27 EA

NO LEAD

NEW

NEW



632XP222M

PowerPEX™
NEW AccuCrimp™ Elbow Adapter
MIP × F2159 PEX

- Transition from thread fitting to PEX tubing
- Tabs perfectly position crimp ring or sleeve over sealing barbs every time

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632XP222M	½" MIP × ½" AccuCrimp	B	25	250	1.52 EA
632XP232M	½" MIP × ¾" AccuCrimp	B	25	250	1.70 EA
632XP332M	¾" MIP × ¾" AccuCrimp	B	25	250	1.88 EA

NO LEAD

PowerPEX™

NEW

AccuCrimp™ Straight Faucet Adapter

FIP × F2159 PEX



637XP20

Item No	Description	Pkg	Min Qty	Case Qty	List Price
637XP20	½" FIP swivel × ½" AccuCrimp	B	50	500	1.23 EA

NO LEAD

PowerPEX™

NEW

AccuCrimp™ Elbow Faucet Adapter

FIP × F2159 PEX

- Tabs perfectly position crimp ring or sleeve over sealing barbs every time



637XP25

Item No	Description	Pkg	Min Qty	Case Qty	List Price
637XP25	½" FIP swivel × ½" AccuCrimp	B	50	500	1.92 EA
NEW 637XP30	¾" FIP swivel × ¾" AccuCrimp	B	10	100	2.28 EA

NO LEAD

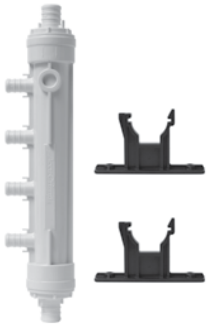
PowerPEX™

AccuCrimp™

NEW

½" F2159 Branches
¾" F2159 × ¾" F2159 Trunk

- 1" Trunk
- Branches are 2" on-center
- Brackets and identification labels included
- cNSFus-PW listed and U.P. Code compliant



672XP0499

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XP0499	4	½" AccuCrimp	B*	10	10	23.32 EA
672XP0699	6	½" AccuCrimp	B*	10	10	26.72 EA
672XP0899	8	½" AccuCrimp	B*	10	10	31.03 EA

NO LEAD

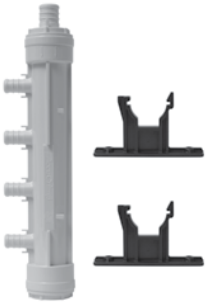
PowerPEX™

AccuCrimp™

NEW

½" F2159 Branches
¾" F2159 × Plugged Trunk

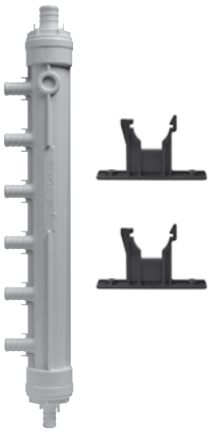
- 1" PPSU Trunk
- Branches are 2" on-center
- cNSFus-PW listed and U.P. Code compliant



672XP0490

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XP0490	4	½" AccuCrimp	B*	10	10	22.83 EA
672XP0690	6	½" AccuCrimp	B*	10	10	26.43 EA
672XP0890	8	½" AccuCrimp	B*	10	10	29.98 EA

NO LEAD



672XP0698

PowerPEX™ AccuCrimp™

NEW

½" F2159 Branches
¾" F2159 × ½" F2159 Trunk

- 1" PPSU Trunk
- Branches are 2" on-center
- cNSFus-PW listed and U.P. Code compliant

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XP0698	6	½" AccuCrimp	B*	10	10	26.72 EA



672XP0480

PowerPEX™ AccuCrimp™

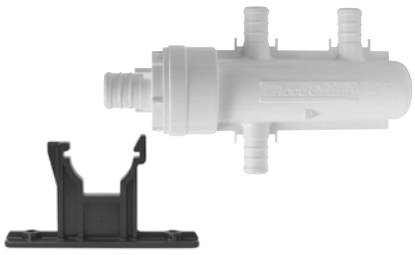
NEW

½" F2159 Branches
½" F2159 × Plugged Trunk

- 1" PPSU Trunk
- Branches are 2" on-center
- cNSFus-PW listed and U.P. Code compliant

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672XP0480	4	½" AccuCrimp	B*	10	10	22.83 EA



672PXT0390

PowerPEX™ AccuCrimp™

NEW

½" F2159 Branches
¾" F2159 × Closed Trunk

- Perfect as a secondary manifold for a bathroom group
- Great for looping PEX lines back under a slab
- cNSFus-PW listed and U.P. Code compliant



672PXT0490

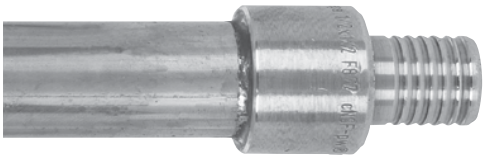
Related Products
Slab Manifold *p 76*



NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672PXT0390	3	½" AccuCrimp (2 x 1)	B*	10	10	23.63 EA
672PXT0490	4	½" AccuCrimp (2 x 2)	B*	10	10	23.63 EA

VIEGA® PEX PRESS FITTINGS



All Sioux Chief Viega® PEX fittings are manufactured with Viega PureFlow PEX Press® fittings. A Viega PEX Press Sleeve must be used to connect PEX tubing to a Viega PEX Press fitting. Sioux Chief Viega PureFlow PEX Press fittings are made in the United States.

Viega PureFlow® PEX Press Fittings are a registered trademark of Viega LLC.

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

PRESS-FITTING COMPATIBLE

Important Notes About Sioux Chief Male Sweat Fitting

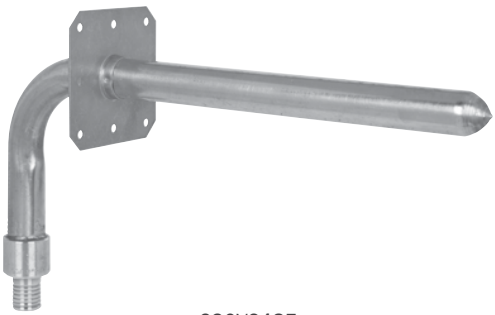
All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Viega® PEX Press®

Stub Out Elbow

Square O Strap

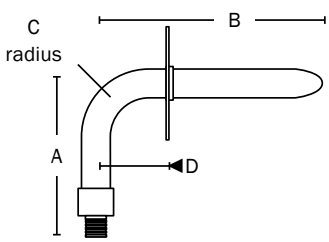
- Accepts sweat and compression valves
- Combines easy adaptation of copper stub outs with easy installation of PEX Press system
- Models with Square O Straps affix easily to our Edge bracket or any backing board to provide solid installations



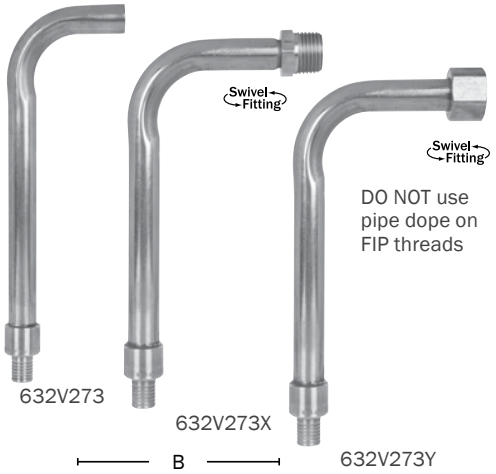
630V248E

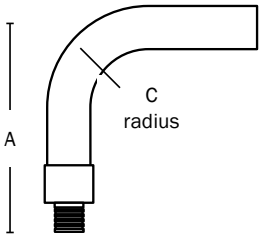


Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.



Item No	Connection	CTS	Dimensions				Pkg	Min Qty	Case Qty	List Price
			A	B	C	D				
630V248E	½" PEX Press	½"	4"	8"	1¼"	1¾"	B	25	25	9.77 EA



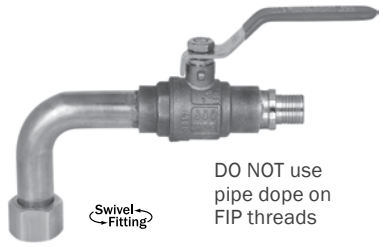


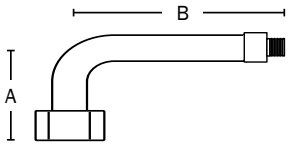
Viega® PEX Press®
Tub/Shower Pressure Connector

- Perfect for sweat connection to standard tub/shower valves
- MIP and FIP swivel connections mean no torch at the tub/shower valve
- Made from Type L copper tube
- Elongated tailpiece allows for rigid bracket attachment

Related Products
ShowerUp™ Kits *p 96*

Item No	Connection	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
632V273	½" PEX Press × ½" MSWT	7"	2½"	1¼"	B	50	50	8.03 EA
632V273X	½" PEX Press × ½" MIP swivel	7"	3"	1¼"	B	50	50	13.03 EA
632V273Y	½" PEX Press × ½" FIP swivel	7"	3"	1¼"	B	50	50	12.53 EA





Viega® PEX Press®
NEW Water Heater Connector
FIP Elbow

- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Dielectric fitting
- Lead-free solder joint
- ¾" Type L copper

NO LEAD

Item No	Connection	Dimensions A	Dimensions B	Ball Valve	Pkg	Min Qty	Case Qty	List Price
631VG02FP	¾" PEX Press × ¾" FIP swivel	3"	6"	✓	B	12	12	46.09 EA



Viega® PEX Press®
NEW Water Heater Connector
FIP Straight

- Full flow – no restriction
- Fitting with 600 WOG full port ball valve available
- No lead fittings come pre-stalled with compression sleeve.
- Made from Type L copper tube

Related Products
Water Heater Connector Kits *p 98*

NO LEAD

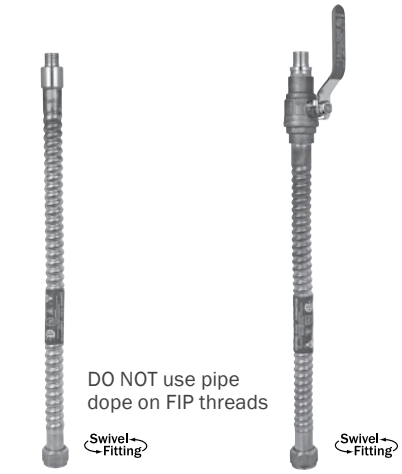
Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
633VG18	¾" PEX Press × ¾" FIP	18"		C	10	10	25.28 EA
633VG18FP	¾" PEX Press × ¾" FIP	18"	✓	C	10	10	51.83 EA

Viega® PEX Press®
Water Heater Connector
FIP Flexible

- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Flexible dielectric fitting works well in tight spaces
- Lead-free solder joint

Related Products
Water Heater Connector Kits *p 98*

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
634VG418	¾" PEX Press × ¾" FIP swivel	18"		C	25	25	27.82 EA
634VG418FP	¾" PEX Press × ¾" FIP swivel	18"	✓	C	25	25	52.87 EA



634VG418 634VG418FP

Viega® PEX Press®
Straight Adapter
CPVC × Viega® PEX Press®

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645VC2	½" PEX Press × ½" CPVC	B	50	50	7.36 EA
645VC3	¾" PEX Press × ¾" CPVC	B	50	50	14.29 EA
645VC4	1" PEXPress× 1" CPVC	B	20	20	20.59 EA


645VC3

Viega® PEX Press®
NEW No Lead Brass Ball Valve

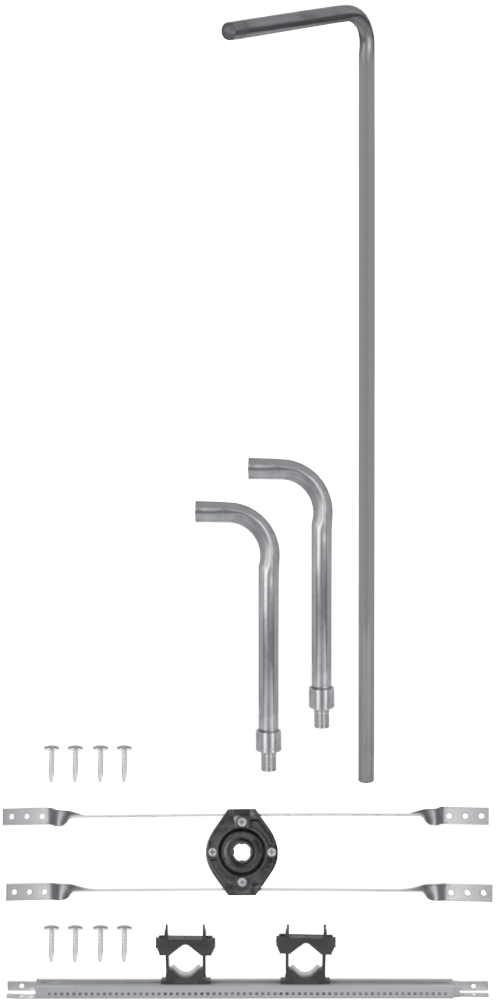
- Chrome-plated ball, blowout-proof stem



648VG2FP

Item No	Description	Pkg	Min Qty	Case Qty	List Price
648VG2FP	½" PEX Press	B	10	10	27.67 EA
648VG3FP	¾" PEX Press	B	10	10	42.34 EA
648VG4FP	1" PEX Press	B	10	10	70.40 EA

NO LEAD



693-01815304

Viega® PEX Press®

NEW ShowerUp™ Kits

Pureflow® PEX Press® Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

Related Products
Build your own kit *p 262*

Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
693-01815304	no tub spout elbow 7" × 2¼" MSWT × ½" PEX Press pressure connectors ½" MSWT × spun, 50" × 8" stub out elbow 16" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 2TD clamp, 4 screws	— 632V273 608-L2508 525-16WLB 523-2424	B*	12	12	52.98 KT
693-13815301	8" × 7" MSWT tub spout elbow 7" × 2¼" MSWT × ½" PEX Press pressure connectors ½" MSWT × spun, 50" × 8" stub out elbow 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	613-87 632V273 608-L2508 525-16WLB 523-2434	B*	12.	12	59.47 KT
693-03824203	6" × 7" MIP swivel tub spout elbow 7" × 3" MIP swivel × ½" PEX Press pressure connectors ½" MIP swivel × drop ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67X 632V273X 616-650X 523-2404 523-2434	B*	12.	12	81.88 KT
693-01824101	no tub spout elbow 7" × 3" MIP swivel × ½" PEX Press pressure connectors ½" MIP swivel × drop ear 90, 30" 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	— 632V273X 616-630X 525-16WLB 523-2434	B*	12.	12	61.51 KT
693-01815104	no tub spout elbow 7" × 2¼" MSWT × ½" PEX Press pressure connectors ½" MSWT × spun, 30" × 8" stub out elbow 16" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 2TD clamp, 4 screws	— 632V273 608-L2308 525-16WLB 523-2434	B*	12.	12	44.25 KT

Viega® PEX Press®

Stub Out Kits

Pureflow® PEX Press® Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689VG2201

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689VG2201	4" × 8", ½" PEX Press stub out elbow Strong Arm brackets with one, ½" Lock Block	630VG248 525-1612	B*	12	12	13.56 KT
	FOR 24" STUD BAYS					
689VG2211	4" × 8", ½" PEX Press stub out elbow Strong Arm brackets with one, ½" Lock Block	630VG248 525-2412	B*	12	12	13.99 KT

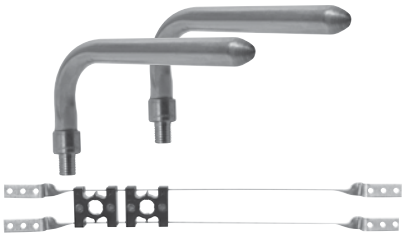
NO LEAD

Viega® PEX Press®

Lav/Sink Stub Out Kits

Pureflow® PEX Press® Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689VG3202

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689VG3202	Two 4" × 8", ½" PEX Press stub out elbows Strong Arm brackets with two, ½" Lock Block	630VG248 525-1622	B*	12	12	24.73 KT
	FOR 24" STUD BAYS					
689VG3212	Two 4" × 8", ½" PEX Press stub out elbows Strong Arm brackets with two, ½" Lock Block	630VG248 525-2422	B*	12	12	25.16 KT

NO LEAD



689VG2291

Viega® PEX Press®

NEW Shower Riser Elbow Kits

Pureflow® PEX Press® Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689VG2291	4" × 8", ½" Viega PEX Press stub out elbow Strong Arm brackets with one, ½" WallNut Lock Block	630VG248 525-16WLB	B*	12	12	14.41 KT



694VG72032091

Viega® PEX Press®

NEW Water Heater Connector Kits

Pureflow® PEX Press® Connection

- Pre-manufactured assemblies
- Maintains the necessary 18" distance from PEX

Related Products
Build your own kit *p 271*

Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
694VG72032091	¾" PEX Press × ¾" MIP ¾" PEX Press × ¾" FIP swivel ¾" × ¾" FIP swivel with ¾" MIP branch	633VG18 631VG02FP 633-G3TM15	B*	10	10	105.76 KT
694VG727823	¾" PEX Press × ¾" MIP ¾" PEX Press × ¾" MIP, ball valve Two ¾" MIP × ¾" MIP dielectric nipples	633VG18 633VG18FP 635-33	B*	10.	10	87.85 KT
694VG72032391	¾" PEX Press × ¾" MIP ¾" PEX Press × ¾" FIP swivel Two ¾" MIP × ¾" MIP dielectric nipples ¾" × ¾" FIP swivel with ¾" MIP branch	633VG18 631VG02FP 635-33 633-G3TM15	B*	10.	10	114.50 KT
694VG727820	¾" PEX Press × ¾" MIP ¾" PEX Press × ¾" MIP, ball valve	633VG18 633VG18FP	B*	10.	10	79.11 KT
694VG72032093	¾" PEX Press × ¾" MIP ¾" PEX Press × ¾" FIP swivel ¾" × ¾" FIP swivel with ¾" MIP branch	633VG18 631VG02FP 633-G3TM11	B*	10.	10	103.78 KT

NO LEAD

POWER PEX™

ASTM F1960

RINGS

DIRECTIONALS

COUPLINGS

ADAPTERS/CONNECTORS

PLUGS

PREFORMED COPPER

VALVES

WATER HEATER CONNECTORS

KITS

MANIFOLDS



Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass Product Availability and PEX Fitting Options

Sioux Chief no longer builds stock or produces leaded brass for F1807, F1960, F2080 or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

Sioux Chief has made the investment in no lead brass inventory for the majority of our current products. This inventory is currently available in various alloys including no lead compliant and dezincification resistant C69300 material.

F1807 PEX, F1960 PEX and F2080 PEX are offered under the PowerPEX™ brand as fully compliant and listed standard brass (traditional 360 and 377 brass fittings) as well as the above-mentioned no lead and dezincification resistant brass. Sioux Chief's F1807 line of fittings is also offered in copper and remains an economical and perfect solution to no lead and dezincification issues.

All Sioux Chief no lead compliant PEX products, F2159 poly alloy fittings and F1807 copper fittings already meet the above national mandates for Jan. 4, 2014. Sioux Chief's current listed no lead inventory, copper stub outs, copper PEX F1807 fittings and the majority of our preformed copper (PFC) solutions are naturally no lead, are not prone to dezincification and offer natural anti-microbial properties. For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

PowerPEX™ ASTM F1960 Fitting System

Engineered for High Quality Returns

Rings
Fittings
Engineered Products
Valves
Manifolds
Accessories

Sioux Chief is proud to offer its PowerPEX™ F1960 line of fittings. It is engineered for quality in design, material and manufacturing.

Engineered Connection. The F1960 system's unique ring and fitting form a positive seal and permanent connection in residential or commercial jobs – from potable plumbing to radiant heating.

- A positive seal helps you to remain profitable by paying for labor once. This allows you to stay on budget and reduce costly callbacks, claims, damage bills and rework.
- The positive seal of the F1960 fitting connection creates a "visibly complete" joint with proper assembly. Seeing the joint complete assures that all connections have been made – avoiding rework, leaks and system failure.

Sioux Chief's PowerPEX™ F1960 line offers a full spectrum of capabilities for 1/2" - 2" plumbing and radiant heat systems including:



No Lead & Standard Brass. Sioux Chief offers F1960 fittings and engineered solutions, in both standard alloys and no lead/dezincification resistant alloys. More information is available at www.siouxchief.com.

Full Flow. The engineered fittings work with PEX-a pipe. The smooth bore of the pipe and fittings coupled with the fitting's larger nominal diameter, allow for greater flow characteristics and water distribution without upsizing the PEX run.

Made in the USA. F1960 fittings, rings and engineered components are made to the highest quality, with domestic materials in domestic facilities. United States production keeps jobs in the U.S. and offers a direct line-of-sight back to production.

Listed & Certified. F1960 fittings are manufactured to national standards and listed to NSF and cUPC.

Minimum Tool Investment. The F1960 system utilizes a single expansion tool for 3/8" - 1", minimizing the tool costs when investing in the system. The assembly is easy to learn, teach and repeat.

Premium Warranty. Sioux Chief's world class, 25 year limited lifetime warranty is rare. It not only covers all products in its F1960 fitting system, it covers them if they are used in combination with other companies' pipe or fittings. Please visit www.siouxchief.com for more information.

Sioux Chief is proud to offer its PowerPEX F1960 fitting system. We believe in it. It is a solid investment that will return for you with quality and service.



649W4

PowerPEX™
NEW F1960 Expansion Ring

- For use with type 'A' PEX SDR9 tubing with ASTM F1960 fittings

Item No	Description	Pkg	Min Qty	Case Qty	List Price
649W2	½" F1960	B	50	1000	0.20 EA
649W3	¾" F1960	B	50	500	0.39 EA
649W4	1" F1960	B	25	250	0.70 EA



642WG2

PowerPEX™
NEW No Lead Brass Elbow

- Full flow – no restriction
- One-piece no lead brass

NSF NO LEAD

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642WG2	½" F1960 × ½" F1960	B	25	25	6.50 EA
642WG3	¾" F1960 × ¾" F1960	B	25	25	12.50 EA
642WG4	1" F1960 × 1" F1960	B	25	25	19.00 EA

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

PowerPEX™
NEW Brass Elbow

- Full flow – no restriction
- One-piece standard brass



642W2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642W2	½" F1960 × ½" F1960	B	25	250	4.45 EA
642W3	¾" F1960 × ¾" F1960	B	25	125	8.35 EA

NSF

PowerPEX™
NEW No Lead Brass Tee

- Full flow – no restriction
- One-piece no lead brass



641WG222

Item No	Description	Pkg	Min Qty	Case Qty	List Price
641WG222	½" F1960 × ½" F1960 × ½" F1960	B	50	50	8.75 EA
641WG223	½" F1960 × ½" F1960 × ¾" F1960	B	20	20	10.00 EA
641WG322	¾" F1960 × ½" F1960 × ½" F1960	B	20	20	10.00 EA
641WG323	¾" F1960 × ½" F1960 × ¾" F1960	B	20	20	11.25 EA
641WG332	¾" F1960 × ¾" F1960 × ½" F1960	B	20	20	13.25 EA
641WG333	¾" F1960 × ¾" F1960 × ¾" F1960	B	20	20	14.50 EA
641WG334	¾" F1960 × ¾" F1960 × 1" F1960	B	20	20	29.00 EA
641WG433	1" F1960 × ¾" F1960 × ¾" F1960	B	20	20	26.00 EA
641WG442	1" F1960 × 1" F1960 × ½" F1960	B	20	20	26.25 EA
641WG443	1" F1960 × 1" F1960 × ¾" F1960	B	20	20	27.25 EA
641WG444	1" F1960 × 1" F1960 × 1" F1960	B	20	20	26.00 EA

NSF

NO LEAD



641W222

PowerPEX™

NEW Brass Tee

- Full flow – no restriction
- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
641W222	½" F1960 × ½" F1960 × ½" F1960	B	50	500	5.05 EA
641W332	¾" F1960 × ¾" F1960 × ½" F1960	B	20	200	8.20 EA
NSF 641W333	¾" F1960 × ¾" F1960 × ¾" F1960	B	20	200	9.65 EA



645WG3

PowerPEX™

NEW No Lead Brass Coupling

- One-piece no lead brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645WG2	½" F1960 × ½" F1960	B	100	100	4.50 EA
NSF 645WG3	¾" F1960 × ¾" F1960	B	50	50	7.00 EA
645WG32	¾" F1960 × ½" F1960	B	50	50	7.75 EA
NO LEAD 645WG4	1" F1960 × 1" F1960	B	25	25	14.75 EA
645WG43	1" F1960× ¾" F1960	B	25	25	12.50 EA

PowerPEX™
NEW Brass Plug

- One-piece standard brass



640W02

Item No	Description	Pkg	Min Qty	Case Qty	List Price
640W02	½" F1960	B	100	1000	2.35 EA
640W03	¾" F1960	B	100	100	4.05 EA

NSF

PowerPEX™
NEW No Lead Brass Straight Adapter

Male Sweat × PEX

- Full flow – no restriction
- One-piece no lead brass



643WG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
643WG2	½" F1960 × ½" MSWT	B	100	100	3.25 EA
643WG3	¾" F1960 × ¾" MSWT	B	50	50	7.38 EA
643WG23	¾" F1960 × ½" MSWT	B	50	50	7.75 EA
643WG32	½" F1960 × ¾" MSWT	B	50	50	6.65 EA
643WG4	1" F1960 × 1" MSWT	B	25	25	13.50 EA
643WG43	¾" F1960 × 1" MSWT	B	25	25	14.50 EA
643WG5	1¼" F1960 × 1¼" MSWT	B	5	5	30.50 EA
643WG6	1½" F1960 × 1½" MSWT	B	5	5	50.24 EA
643WG7	2" F1960 × 2" MSWT	B	5	5	150.00 EA

NSF

NO LEAD

PowerPEX™
NEW Brass Straight Adapter

Male Sweat × PEX

- Full flow – no restriction
- One-piece standard brass



643W2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
643W2	½" F1960 × ½" MSWT	B	100	1000	2.95 EA
643W3	¾" F1960 × ¾" MSWT	B	50	50	6.10 EA
643W4	1" F1960 × 1" MSWT	B	25	25	8.19 EA

NSF



644WG2

PowerPEX™
NEW No Lead Brass Straight Adapter
Female Sweat × PEX

- Full flow – no restriction
- One-piece no lead brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644WG2	½" F1960 × ½" FSWT	B	100	100	3.30 EA
644WG23	¾" F1960 × ½" FSWT	B	50	50	12.00 EA
644WG3	¾" F1960 × ¾" FSWT	B	50	50	7.50 EA
644WG32	½" F1960 × ¾" FSWT	B	50	50	6.50 EA
644WG4	1" F1960 × 1" FSWT	B	25	25	13.00 EA
644WG43	¾" F1960 × 1" FSWT	B	25	25	15.00 EA
644WG5	1¼" F1960 × 1¼" FSWT	B	5	5	35.00 EA
644WG6	1½" F1960 × 1½" FSWT	B	5	5	51.24 EA
644WG7	2" F1960 × 2" FSWT	B	5	5	151.00 EA

NSF
NO LEAD



644W2

PowerPEX™
NEW Brass Straight Adapter
Female Sweat × PEX

- Full flow – no restriction
- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644W2	½" F1960 × ½" FSWT	B	100	100	2.95 EA
644W3	¾" F1960 × ¾" FSWT	B	50	50	6.35 EA
644W4	1" F1960 × 1" FSWT	B	25	25	8.85 EA

NSF



646WG2

PowerPEX™
NEW No Lead Brass Straight Adapter
MIP × PEX

- One-piece no lead brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646WG2	½" F1960 × ½" MIP	B	100	100	4.90 EA
646WG3	¾" F1960 × ¾" MIP	B	25	25	8.75 EA
646WG32	½" F1960 × ¾" MIP	B	25	25	12.25 EA
646WG34	1" F1960 × ¾" MIP	B	25	25	18.50 EA
646WG4	1" F1960 × 1" MIP	B	25	25	18.00 EA
646WG43	¾" F1960 × 1" MIP	B	25	25	18.50 EA
646WG5	1¼" F1960 × 1¼" MIP	B	5	5	40.50 EA
646WG6	1½" F1960 × 1½" MIP	B	5	5	54.74 EA
646WG7	2" F1960 × 2" MIP	B	5	5	163.00 EA

NSF
NO LEAD

PowerPEX™
NEW Brass Straight Adapter
MIP × PEX

- One-piece standard brass



646W2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646W2	½" F1960 × ½" MIP	B	100	100	3.70 EA
646W3	¾" F1960 × ¾" MIP	B	25	250	7.35 EA
646W4	1" F1960 × 1" MIP	B	25	25	11.65 EA

NSF

PowerPEX™
NEW No Lead Brass Straight Adapter
FIP × PEX

- One-piece no lead brass



647WG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647WG2	½" F1960 × ½" FIP	B	50	50	9.84 EA
647WG23	¾" F1960 × ½" FIP	B	50	50	11.09 EA
647WG3	¾" F1960 × ¾" FIP	B	50	50	10.78 EA
647WG32	1" F1960 × ¾" FIP	B	25	25	15.78 EA
647WG4	1" F1960 × 1" FIP	B	25	25	23.25 EA
647WG43	¾" F1960 × 1" FIP	B	25	25	33.75 EA
647WG5	1¼" F1960 × 1¼" FIP	B	5	5	41.64 EA
647WG6	1½" F1960 × 1½" FIP	B	5	5	88.86 EA
647WG7	2" F1960 × 2" FIP	B	5	5	196.10 EA

NSF

NO LEAD

PowerPEX™
NEW Brass Straight Adapter
FIP × PEX

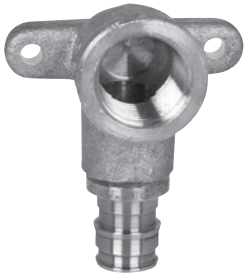
- One-piece standard brass



647W2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647W2	½" F1960 × ½" FIP	B	50	250	4.36 EA
647W3	¾" F1960 × ¾" FIP	B	50	50	8.18 EA

NSF



647W2E

PowerPEX™
Tub/Shower Elbow

- Lead-free solder joint
- For use on shower risers, tub spouts and non-pressure fitting applications

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647W2E	½" F1960 × ½" FIP drop-ear 90	B	50	50	10.32 EA



632WG222M

PowerPEX™
NEW No Lead Brass Elbow Adapter
MIP × PEX

- Full flow – no restriction
- One-piece no lead brass

NSF NO LEAD

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632WG222M	½" F1960 × ½" MIP	B	50	50	9.00 EA



632WG332

PowerPEX™
NEW No Lead Brass Elbow Adapter
Male Sweat × PEX

- Full flow – no restriction
- One-piece no lead brass

NSF NO LEAD

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632WG332	¾" F1960 × ¾" MSWT	B	25	25	7.75 EA

PowerPEX™

NEW No Lead Brass Elbow Adapter

Female Sweat × PEX

- Full flow – no restriction
- One-piece no lead brass



632WG335

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632WG335	¾" F1960 × ¾" FSWT	B	25	25	7.75 EA

NSF

NO LEAD

PowerPEX™

Stub Out Elbow

Standard

- Accepts sweat, push-fitting and compression valves
- Combines easy adapting of copper stub outs with easy installation of F1960 PEX system



630WG248

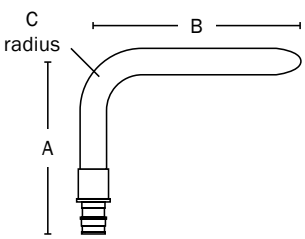


Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

Related Products
Stub Out Elbow Kits *p 117*

Item No	Connection	CTS	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
630WG2138	½" F1960	½"	13"	8"	1¼"	B	50	50	13.56 EA
630WG248	½" F1960	½"	4"	8"	1¼"	B	50	50	8.29 EA
630WG348	¾" F1960	¾"	6"	8"	1¾"	B	25	25	19.11 EA
630WG4612	1" F1960	1"	6"	12"	2"	B	25	25	33.37 EA
NEW 630WG2813	½" F1960	½"	8"	13"	1¼"	B	50	50	13.56 EA

NO LEAD





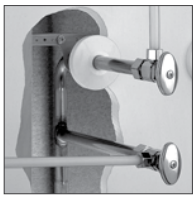
630WGD288E

PowerPEX™

Double Stub Out Elbow

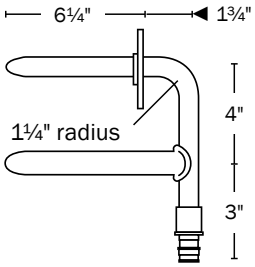
- Brazed stub out joint will not fracture

Perfect for running sink and dishwasher supplies (hot side) or sink and ice maker supplies (cold side) off the same branch line.



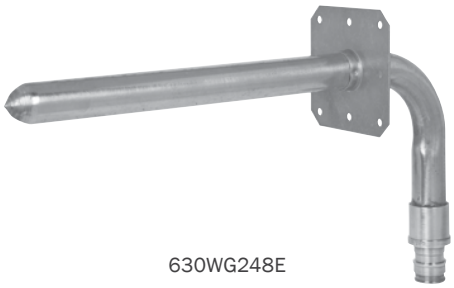


Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.



NO LEAD

Item No	Connection	CTS	Pkg	Min Qty	Case Qty	List Price
630WGD288E	½" F1960	½"	B	25	25	21.74 EA



630WG248E

PowerPEX™

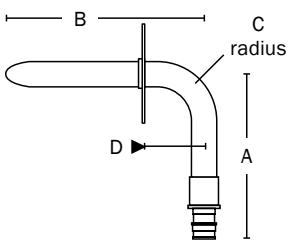
Stub Out Elbow

Square O Strap

- Accepts sweat, push-fitting and compression valves
- Combines easy adapting of copper stub outs with easy installation of F1960 PEX system
- Square O Straps affix easily to the Edge bracket or any backing board to provide solid installations
- Multiple mounting holes allow for installations on sides, bottom, or top



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.



NO LEAD

Item No	Connection	CTS	Dimensions				Pkg	Min Qty	Case Qty	List Price
			A	B	C	D				
630WG248E	½" F1960	½"	4"	8"	1¼"	1¾"	B	25	25	9.16 EA
630WG348E	¾" F1960	¾"	6"	8"	1¾"	1¾"	B	25	25	20.27 EA
630WG4612E	1" F1960	1"	6"	12"	2"	2"	B	10	10	34.53 EA

PowerPEX™ NEW Bullet™

Stub Out

- Type L copper
- Accepts sweat, push-fitting and compression valves



638WG215



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

Item No	Connection	CTS	Length	Pkg	Min Qty	Case Qty	List Price
638WG208	½" F1960	½"	8"	B	50	50	8.57 EA
638WG215	½" F1960	½"	15"	B	50	50	16.08 EA

NO LEAD

PowerPEX™ Bullet™

Bracketed Stub Out

- Perfect for stubbing up through floor for closets or lavs
- Square O Strap is crimped to tube 8" from spin closed end
- Type L copper



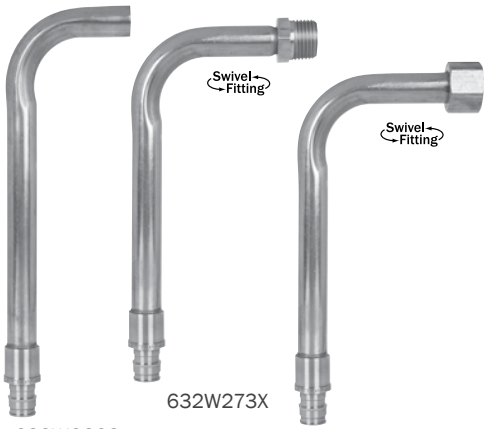
638WG212E



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

Item No	Connection	CTS	Length	Pkg	Min Qty	Case Qty	List Price
638WG212E	½" F1960	½"	12"	B	50	50	13.86 EA

NO LEAD

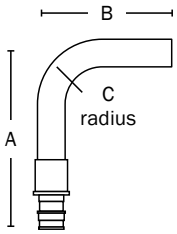


632WG263 632W273X 632WG263Y

PowerPEX™

Tub/Shower Pressure Connector

- Perfect for sweat connection to standard tub/shower valves
- MIP and FIP swivel connections mean no torch at the tub/shower valve
- Made from Type L copper tube
- Elongated tailpiece allows for rigid bracket attachment



DO NOT use pipe dope on FIP threads

Related Products
ShowerUp™ Kits *p 116*

Item No	Connection	Dimensions A	Dimensions B	Dimensions C	NO LEAD	Pkg	Min Qty	Case Qty	List Price
632W273X	½" F1960 × ½" MIP swivel	7"	3"	1¼"		B	50	50	13.03 EA
632WG263	½" F1960 × ½" MSWT elbow	6"	2¼"	1¼"	✓	B	50	50	7.77 EA
632WG263Y	½" F1960 × ½" FIP swivel elbow	6"	3"	1¼"	✓	B	50	50	10.61 EA



DO NOT use pipe dope on FIP threads

631W02

PowerPEX™

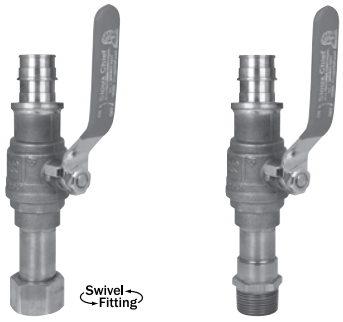
NEW

Water Heater Connector Elbow

FIP Elbow Fitting

- Brass FIP swivel nut includes EDPM gasket
- Dielectric fitting

Item No	Connection	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
631W02	¾" F1960 × ¾" FIP swivel	1.5"	5"	B	25	25	8.75 EA



633W306FP 646W306FP

DO NOT use pipe dope on FIP threads

PowerPEX™

Water Heater Connector

- Full flow – no restriction (FIP, dielectric fitting)
- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Lead-free solder joint, made from Type L copper tube

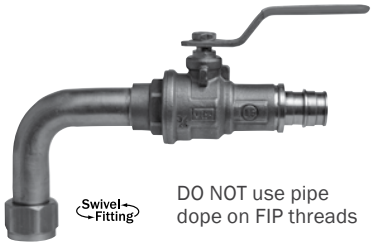
Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
633W306FP	¾" F1960 × ¾" FIP swivel	6"	✓	B	10	10	28.41 EA
646W306FP	¾" F1960 × ¾" MIP	6"	✓	B	10	10	33.66 EA

PowerPEX™

NEW Water Heater Connector

FIP Elbow

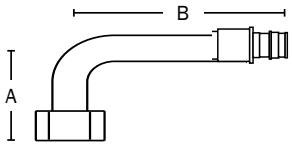
- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Dielectric fitting
- Lead-free solder joint
- ¾" Type L copper



DO NOT use pipe dope on FIP threads

631WG02FP

Item No	Connection	Dimensions A	Dimensions B	Ball Valve	Pkg	Min Qty	Case Qty	List Price
631WG02FP	¾" F1960 × ¾" FIP swivel	3"	7"	✓	B	12	12	43.46 EA

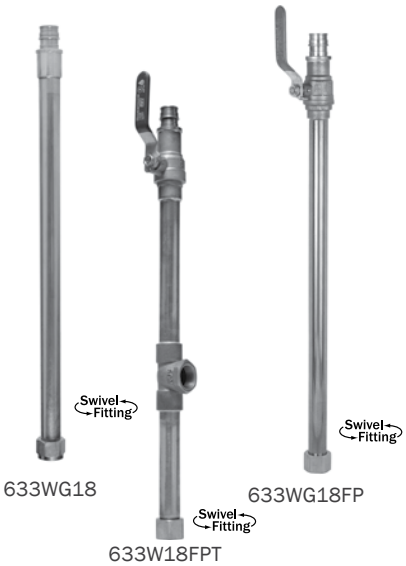


PowerPEX™

NEW Water Heater Connector

FIP Straight

- Full flow – no restriction
- Fitting with 600 WOG full port ball valve available
- Lead-free solder joint
- Made from Type L copper tube



633WG18

633WG18FP

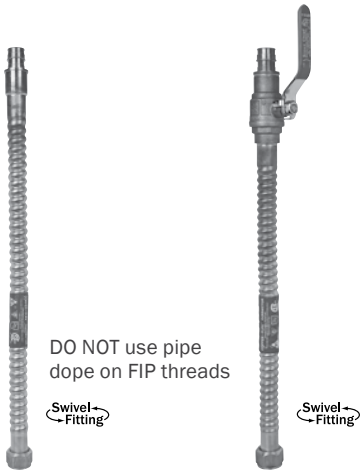
633W18FPT

DO NOT use pipe dope on FIP threads

Related Products

Water Heater Stub Out Kits *p 117*

Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
633WG18	¾" F1960 × ¾" FIP swivel	18"		✓	B	25	25	23.63 EA
633WG18FP	¾" F1960 × ¾" FIP swivel	18"	✓	✓	B	10	10	49.20 EA
NEW 633W18FP	¾" F1960 × ¾" FIP swivel	18"	✓		B	10	10	36.00 EA
633W18FPT	¾" F1960 × ¾" FIP swivel	18"	✓		B	20	20	52.43 EA



634WG418 634WG418FP

PowerPEX™

Water Heater Connector

FIP Flexible

- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Flexible dielectric fitting works well in tight spaces
- Lead-free solder joint

Related Products
Water Heater Stub Out Kits *p 117*

NO LEAD

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
634WG418	¾" F1960 × ¾" FIP swivel	18"		B	25	25	28.32 EA
634WG418FP	¾" F1960 × ¾" FIP swivel	18"	✓	B	25	25	41.23 EA



645WGC2

PowerPEX™

No Lead Brass Straight Adapter Coupling

CPVC × F1960

- A quick and easy transition

NO LEAD

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645WGC2	½" F1960 × ½" CPVC	B	50	50	7.66 EA
645WGC3	¾" F1960 × ¾" CPVC	B	50	50	13.11 EA
645WGC4	1" F1960 × 1" CPVC	B	20	20	18.91 EA

PowerPEX™

NEW

Brass Straight Adapter Coupling

CPVC × F1960

- A quick and easy transition



645WC3

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645WC2	½" F1960 × ½" CPVC	B	50	50	6.64 EA
645WC3	¾" F1960 × ¾" CPVC	B	50	50	9.30 EA
645WC4	1" F1960 × 1" CPVC	B	20	20	18.58 EA

PowerPEX™

Straight Adapter

PVC × F1960 PEX Cold Expansion

- Perfect for hooking up PEX underground water services lines to PVC in-house piping systems
- Cold water applications only



645WG4P

Item No	Description	Pkg	NO LEAD	Min Qty	Case Qty	List Price
645WG3P	¾" F1960 × ¾" PVC	B	✓	50	50	11.39 EA
645WG4P	1" F1960 × 1" PVC	B	✓	20	20	21.48 EA

PowerPEX™

Brass Ball Valve

- Chrome-plated ball, blowout-proof stem



648WG2FP

Item No	Description	Pkg	Min Qty	Case Qty	List Price
648WG2FP	½" F1960	B	10	10	26.02 EA
648WG3FP	¾" F1960	B	10	10	40.69 EA
648WG4FP	1" F1960	B	10	1	68.75 EA

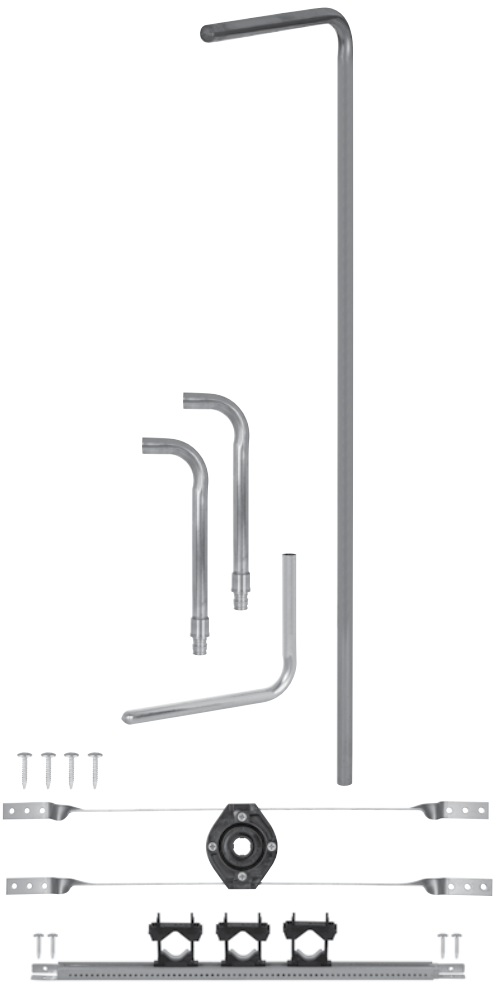
NO LEAD

PowerPEX™

NEW ShowerUp™ Kits

F1960 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



693-13755301

Related Products
Build your own kit *p 262*

Item No	Components	Bulk Item No	NO LEAD	Pkg	Min Qty	Case Qty	List Price
693-13755301	8" × 7" MSWT tub spout elbow 6" × 2¼" MSWT × ½" PEX F1960 pressure connectors ½" MSWT × spun, 50" × 8" stub out elbow 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	613-87 632WG263 608-L2508 525-16WLB 523-2434	✓	B*	12	12	58.95 KT
693-03724203	6" × 7" MIP swivel tub spout elbow 7" × 3" MIP swivel × PEX F1960 pressure connectors ½" MIP swivel × drop-ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67X 632W273X 616-650X 523-2404 523-2434		B*	12	12	81.88 KT
693-01724101	no tub spout elbow 7" × 3" MIP swivel × PEX F1960 pressure connectors ½" MIP swivel × drop-ear 90, 30" 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	— 632W273X 616-630X 525-16WLB 523-2434		B*	12	12	60.53 KT
693-01755104	no tub spout elbow 6" × 2¼" MSWT × ½" PEX F1960 pressure connectors ½" MSWT × spun, 30" × 8" stub out elbow 16" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 2TD clamp, 4 screws	— 632WG263 608-L2308 525-16WLB 523-2424	✓	B*	12	12	43.73 KT
693-16713203	10" × 7" MSWT tub spout elbow 6" × 2¼" MSWT × ½" PEX F1960 pressure connectors ½" MSWT × drop-ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-87 632WG263 616-650 523-2404 523-2434	✓	B*	12	12	63.28 KT

PowerPEX™
Stub Out Kits
F1960 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



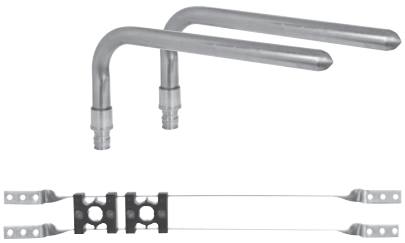
689WG2201

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689WG2201	4" × 8", ½" F1960 stub out elbow Strong Arm brackets with one, ½" Lock Block	630WG248 525-1612	B*	12	12	11.46 EA
	FOR 24" STUD BAYS					
689WG2211	4" × 8", ½" F1960 stub out elbow Strong Arm brackets with one, ½" Lock Block	630WG248 525-2412	B*	12	12	11.89 EA

NO LEAD

PowerPEX™
Lav/Sink Stub Out Kits
F1960 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689WG3202

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689WG3202	Two 4" × 8", ½" F1960 stub out elbows Strong Arm brackets with two, ½" Lock Blocks	630WG248 525-1622	B*	12	12	20.53 EA
	FOR 24" STUD BAYS					
689WG3212	Two 4" × 8", ½" F1960 stub out elbows Strong Arm brackets with two, ½" Lock Blocks	630WG248 525-2422	B*	12	12	20.96 EA

NO LEAD

PowerPEX™
Water Heater Stub Out Kits
F1960 PEX Connection

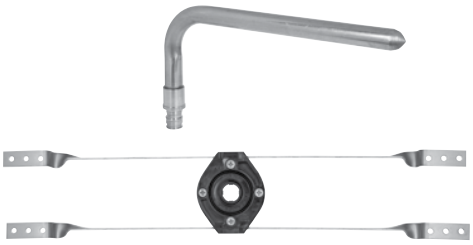
- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689WG5103

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689WG5103	Two 4" × 8", ¾" F1960 stub out elbows Strong Arm brackets with two, ¾" Lock Block	630WG348 525-1623	B*	12	12	42.36 EA
	FOR 24" STUD BAYS					
689WG5113	Two 4" × 8", ¾" F1960 stub out elbows Strong Arm brackets with two, ¾" Lock Block	630WG348 525-2423	B*	12	12	42.75 EA

NO LEAD

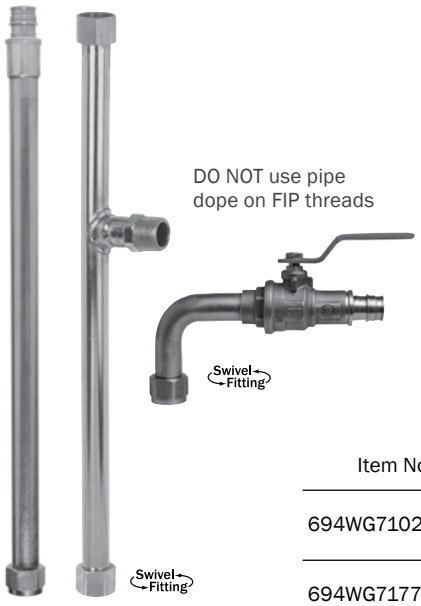


689WG2291

PowerPEX™
Shower Riser Elbow Kits
F1960 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

	Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
		FOR 16" STUD BAYS					
NO LEAD	689WG2291	3½" × 8", ½" F1960 stub out elbow Strong Arm brackets with one ½" Shower WallNut Lock Block	630WG248 525-16WLB	B*	12	12	12.31 EA



694WG71022091

PowerPEX™
NEW Water Heater Connector Kits
F1960 PEX Connection

- Pre-manufactured assemblies
- Maintains the necessary 18" distance from PEX

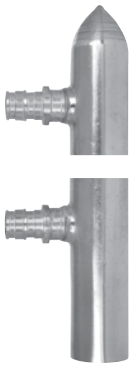
Related Products
Build your own kit *p 271*

	Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	694WG71022091	¾" F1960 PEX × ¾" FIP swivel ¾" F1960 × ¾" FIP swivel elbow ¾" × ¾" FIP swivel with ¾" MIP branch	633WG18 631WG02FP 633-G3TM15	B*	10.	10	101.48 EA
	694WG717723	¾" F1960 PEX × ¾" FIP swivel ¾" F1960 × ¾" FIP swivel Two ¾" MIP × ¾" MIP dielectric nipples	633WG18 633WG18FP 635-33	B*	10.	10	83.57 EA
	694WG71022391	¾" F1960 PEX × ¾" FIP swivel ¾" F1960 × ¾" FIP swivel elbow Two ¾" MIP × ¾" MIP dielectric nipples ¾" × ¾" FIP swivel with ¾" MIP branch	633WG18 631WG02FP 635-33 633-G3TM15	B*	10.	10	110.22 EA
	694WG717720	¾" F1960 PEX × ¾" FIP swivel ¾" F1960 × ¾" FIP swivel	633WG18 633WG18FP	B*	10.	10	74.83 EA
NO LEAD	694WG71022093	¾" F1960 PEX × ¾" FIP swivel ¾" F1960 × ¾" FIP swivel elbow ¾" × ¾" FIP swivel with ¾" MIP branch	633WG18 631WG02FP 633-G3TM11	B*	10.	10	99.50 EA

PowerPEX™

½" F1960 PEX Branches
1" Male Sweat × Spin Closed Trunks

- 1" Type L copper trunk
- Branches are 2" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672WG0240	2	½" F1960	B	1	10	29.27 EA
672WG0340	3	½" F1960	B	1	10	37.71 EA
672WG0440	4	½" F1960	B	1	10	46.14 EA
672WG0640	6	½" F1960	B	1	10	60.68 EA
672WG0840	8	½" F1960	B	1	10	81.57 EA
672WG1040	10	½" F1960	B	1	10	89.73 EA
672WG1240	12	½" F1960	B	1	10	104.26 EA

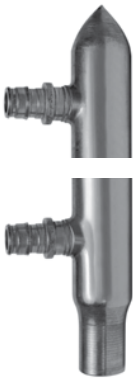
NO LEAD

PowerPEX™

NEW

½" F1960 PEX Branches
¾" Male Sweat × Spin Closed Trunks

- 1" Type L copper trunk
- Branches are 2" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

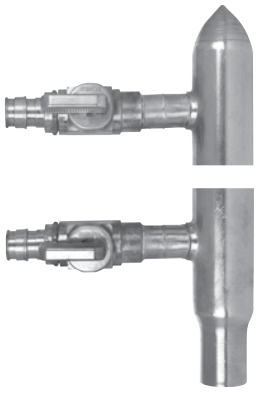
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672WG0430	4	½ F1960	B	1	10	47.41 EA
672WG0630	6	½ F1960	B	1	10	62.35 EA
672WG0830	8	½ F1960	B	1	10	83.81 EA

NO LEAD

PowerPEX™

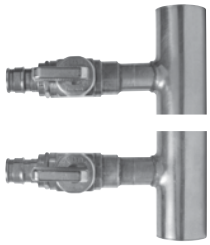
½" F1960 PEX Ball Valve Branches
¾" Male Sweat × Spin Closed Trunks

- 1" Type L copper trunk
- Branches are 2" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672WV0230	2	½" F1960	B	1	10	49.25 EA
672WV0330	3	½" F1960	B	1	10	67.25 EA
672WV0430	4	½" F1960	B	1	10	85.24 EA
672WV0630	6	½" F1960	B	1	10	118.70 EA
672WV0830	8	½" F1960	B	1	10	152.16 EA
672WV1030	10	½" F1960	B	1	10	185.72 EA
672WV1230	12	½" F1960	B	1	10	219.09 EA



PowerPEX™

NEW

½" F1960 PEX Ball Valve Branches
1" Male Sweat × 1" Male Sweat Trunks

- 1" Type L copper trunk
- Branches are 1½" on-center

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672WV0344	3	½" F1960	B*	1	10	71.70 EA
672WV0444	4	½" F1960	B*	1	10	95.20 EA
672WV0644	6	½" F1960	B*	1	10	142.20 EA
672WV0844	8	½" F1960	B*	1	10	188.80 EA
672WV1044	10	½" F1960	B*	1	10	235.00 EA
672WV1144	11	½" F1960	B*	1	10	257.40 EA
672WV1244	12	½" F1960	B*	1	10	279.60 EA
672WV1344	13	½" F1960	B*	1	10	301.60 EA
672WV1444	14	½" F1960	B*	1	10	323.40 EA
672WV1644	16	½" F1960	B*	1	4	368.00 EA



PowerPEX™

NEW

½" F1960 PEX Branches
1" CPVC × 1" Spun Closed Trunks

- 1" Type L copper trunk
- Branches are 2" on-center

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672WG03C0	3	½" F1960	B*	10	10	38.00 EA
672WG04C0	4	½" F1960	B*	10	10	49.75 EA
672WG06C0	6	½" F1960	B*	10	10	67.50 EA
672WG08C0	8	½" F1960	B*	10	10	86.25 EA

POWER PEX™ ASTM F2080



SLEEVES

DIRECTIONALS

COUPLINGS

ADAPTERS/CONNECTORS

PLUGS

PREFORMED COPPER

VALVES

WATER HEATER CONNECTORS

KITS

MANIFOLDS

TOOLS

Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass Product Availability and PEX Fitting Options

Sioux Chief no longer builds stock or produces leaded brass for F1807, F1960, F2080 or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

Sioux Chief has made the investment in no lead brass inventory for the majority of our current products. This inventory is currently available in various alloys including no lead compliant and dezincification resistant C69300 material.

F1807 PEX, F1960 PEX and F2080 PEX are offered under the PowerPEX™ brand as fully compliant and listed standard brass (traditional 360 and 377 brass fittings) as well as the above-mentioned no lead and dezincification resistant brass. Sioux Chief's F1807 line of fittings is also offered in copper and remains an economical and perfect solution to no lead and dezincification issues.

All Sioux Chief no lead compliant PEX products, F2159 poly alloy fittings and F1807 copper fittings already meet the above national mandates for Jan. 4, 2014. Sioux Chief's current listed no lead inventory, copper stub outs, copper PEX F1807 fittings and the majority of our preformed copper (PFC) solutions are naturally no lead, are not prone to dezincification and offer natural anti-microbial properties. For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

PowerPEX™ ASTM F2080 Fitting System

Engineered for Premium Returns

Sleeves
Fittings
Engineered Products
Valves
Manifolds
Tools
Accessories

Sioux Chief is proud to offer its PowerPEX™ F2080 line of fittings. It is engineered to be premium quality in design, material and manufacturing.

Leak-Proof Connection. The F2080 system's unique sleeve and fitting combination creates unparalleled compression, forming a positive seal and a permanent connection.

- No leaks mean no wasted labor, helping you to pay for labor once and stay on budget.
- No leaks mean no claims and no damage bills, helping you to protect profits from claim risks.
- The unique F2080 connection creates a "can't miss" connection. F2080 can be visually inspected, unlike crimp or other cold expansion system connections that can be misaligned, misassembled or not crimped at all.
- The unique F2080 PEX fittings are designed with more sealing surface and more sealing barbs than all other common PEX systems; more seal is a better seal.



In addition to leak-proof connections, Sioux Chief's PowerPEX F2080 line of fittings offers a full spectrum of capabilities.

Cold Weather Capable. PowerPEX F2080 fittings install easily in cold weather and can be tested immediately.

Commercially Viable. The large diameters and stout design of these PEX fittings make them an excellent alternative for copper or other commercial fittings, even for industrial and commercial applications.

Maximized Water Flow. PowerPEX F2080 fittings and pipe enjoy the best hydraulic properties of any PEX fitting type. F2080 fittings have a 10% larger waterway than the leading PEX type.

Complete Offering. From directionals to stub outs to manifolds, Sioux Chief supplies a wide range of listed and certified fittings to meet your needs and save you money.

Made in the USA. Fittings, sleeves and engineered components are domestically manufactured from domestic material, offering the highest quality available with a direct line-of-sight back to production.

Premium Warranty. Sioux Chief's world class, 25 year limited lifetime warranty is rare. It not only covers all products in its F2080 fitting system, it covers them if they are used in combination with other companies' pipe or fittings. Please visit www.siouxchief.com for more information.

Sioux Chief is proud to offer its PowerPEX F2080 fitting system. We believe in it. F2080 is a solid investment that will return for you with quality and service.

PowerPEX™
NEW F2080 Expansion Sleeve

- For use with PEX SDR9 tubing



649A260077

Item No	Description	Pkg	Min Qty	Case Qty	List Price
649A243507	⅜" F2080	B	150	900	2.67 EA
649A260077	½" F2080	B	150	150	1.02 EA
649A260077C	½" F2080, Chrome	B	20	100	1.88 EA
649A260577	¾" F2080	B	80	80	1.75 EA
649A260877	1" F2080	B	40	40	3.25 EA
649A235507	1¼" F2080	B	25	25	7.19 EA
649A235707	1½" F2080	B	20	120	14.93 EA
649A235907	2" F2080	B	5	5	17.54 EA

PowerPEX™
NEW No Lead Brass Elbow

- Full flow – no restriction
- One-piece no lead brass



642AG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642AG2	½" F2080 × ½" F2080	B	40	240	9.68 EA
642AG3	¾" F2080 × ¾" F2080	B	25	150	16.12 EA
642AG4	1" F2080 × 1" F208	B	10	60	25.88 EA
642AG5	1¼" F2080 × 1¼" F2080	B	8	48	59.75 EA
642AG6	1½" F2080 × 1½" F2080	B	2	12	83.41 EA
642AG7	2" F2080 ×2" F2080	B	2	12	104.96 EA

PowerPEX™
NEW Brass Elbow

- Full flow – no restriction
- One-piece standard brass



642A260657

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642A260657	½" F2080 × ½" F2080	B	40	240	4.45 EA
642A260677	¾" F2080 × ¾" F2080	B	25	150	8.57 EA
642A260717	1" F2080 × 1" F208	B	10	60	20.79 EA
642A235597	1¼" F2080 × 1¼" F2080	B	8	48	32.60 EA
642A235797	1½" F2080 × 1½" F2080	B	2	12	55.79 EA
642A235997	2" F2080 ×2" F2080	B	2	12	90.87 EA

PowerPEX™

NEW No Lead Brass Tee

- Full flow – no restriction
- One-piece no lead brass



641AG222



641AG323



641AG332

Item No	Description	Pkg	Min Qty	Case Qty	List Price
641AG222	½" F2080 × ½" F2080 × ½" F2080	B	25	150	14.78 EA
641AG223	½" F2080 × ½" F2080 × ¾" F2080	B	20	120	19.25 EA
641AG322	¾" F2080 × ½" F2080 × ½" F2080	B	20	120	16.95 EA
641AG323	¾" F2080 × ½" F2080 × ¾" F2080	B	15	90	21.49 EA
641AG333	¾" F2080 × ¾" F2080 × ¾" F2080	B	15	90	17.85 EA
641AG332	¾" F2080 × ¾" F2080 × ½" F2080	B	20	120	17.56 EA
641AG334	¾" F2080 × ¾" F2080 × 1" F2080	B	10	60	26.95 EA
641AG433	1" F2080 × ¾" F2080 × ¾" F2080	B	10	60	36.08 EA
641AG442	1" F2080 × 1" F2080 × ½" F2080	B	10	60	33.95 EA
641AG443	1" F2080 × 1" F2080 × ¾" F2080	B	10	60	33.89 EA
641AG444	1" F2080 × 1" F2080 × 1" F2080	B	8	48	33.35 EA
641AG544	1¼" F2080 × 1" F2080 × 1" F2080	B	5	30	81.10 EA
641AG553	1¼" F2080 × 1¼" F2080 × ¾" F2080	B	5	30	116.87 EA
641AG554	1¼" F2080 × 1¼" F2080 × 1" F2080	B	5	30	101.15 EA
641AG555	1¼" F2080 × 1¼" F2080 × 1¼" F2080	B	5	30	58.85 EA
641AG664	1½" F2080 × 1½" F2080 × 1" F2080	B	2	12	101.58 EA
641AG666	1½" F2080 × 1½" F2080 × 1½" F2080	B	2	12	115.00 EA
641AG774	2" F2080 × 2" F2080 × 1" F2080	B	1	6	131.10 EA
641AG777	2" F2080 × 2" F2080 × 2" F2080	B	1	6	129.95 EA

NSF

NO LEAD

PowerPEX™

NEW Brass Tee

- Full flow – no restriction
- One-piece standard brass



641A260607



641A260647



641A260627



641A235887

Item No	Description	Pkg	Min Qty	Case Qty	List Price
641A260607	½" F2080 × ½" F2080 × ½" F2080	B	25	150	8.55 EA
641A260857	½" F2080 × ½" F2080 × ¾" F2080	B	20	120	11.90 EA
641A260637	¾" F2080 × ½" F2080 × ½" F2080	B	20	120	7.23 EA
641A260647	¾"F2080× ½" F2080 × ¾" F2080	B	15	90	7.99 EA
641A260617	¾" F2080 × ¾" F2080 × ¾" F2080	B	15	90	10.38 EA
641A260627	¾" F2080 × ¾" F2080 × ½" F2080	B	20	120	9.84 EA
641A260897	¾" F2080 × ¾" F2080 × 1" F2080	B	10	60	17.74 EA
641A260697	1" F2080 × ¾"F2080× ¾" F2080	B	10	60	12.80 EA
641A260687	1" F2080 × ¾" F2080 × 1" F2080	B	10	60	14.65 EA
641A260727	1" F2080 × 1" F2080 × ½" F2080	B	10	60	17.05 EA
641A260707	1" F2080 × 1" F2080 × ¾" F2080	B	10	60	14.85 EA
641A260977	1" F2080 × 1" F2080 × 1" F2080	B	8	48	14.34 EA
641A235677	1¼"F2080× ¾" F2080 × 1" F2080	B	5	30	80.94 EA
641A235657	1¼" F2080 × 1" F2080 × 1" F2080	B	5	30	46.72 EA
641A235637	1¼" F2080 × 1" F2080 × 1¼" F2080	B	5	30	46.70 EA
641A235627	1¼" F2080 × 1¼" F2080 × ¾" F2080	B	5	30	80.18 EA
641A235617	1¼" F2080 × 1¼" F2080 × 1" F2080	B	5	30	57.67 EA
641A235607	1¼" F2080 × 1¼" F2080 × 1¼" F2080	B	5	30	42.01 EA
641A235887	1½" F2080 × ¾" F2080 × 1" F2080	B	2	12	88.98 EA
641A235847	1½" F2080 × 1" F2080 × 1½" F2080	B	2	12	82.67 EA
641A235877	1½" F2080 × 1" F2080 × 1" F2080	B	2	12	82.67 EA
641A235867	1½" F2080 × 1¼" F2080 × 1" F2080	B	2	12	82.94 EA
641A235857	1½" F2080 × 1¼" F2080 × 1¼" F2080	B	2	12	77.64 EA
641A235837	1½" F2080 × 1¼" F2080 × 1½" F2080	B	2	12	73.94 EA
641A235827	1½" F2080 × 1½" F2080 × 1" F2080	B	2	12	83.01 EA
641A235817	1½" F2080 × 1½" F2080 × 1¼" F2080	B	2	12	83.01 EA
641A235807	1½" F2080 × 1½" F2080 × 1½" F2080	B	2	12	74.96 EA
641A236097	2" F2080 × 1¼" F2080 × 1¼" F2080	B	1	6	113.60 EA
641A236057	2" F2080 × 1¼" F2080 × 2" F2080	B	1	6	112.91 EA
641A236087	2" F2080 × 1½" F2080 × 1" F2080	B	1	6	112.91 EA
641A236077	2" F2080 × 1½" F2080 × 1¼" F2080	B	1	6	114.26 EA
641A236067	2" F2080 × 1½" F2080 × 1½" F2080	B	1	6	106.88 EA
641A236047	2" F2080 × 1½" F2080 × 2" F2080	B	1	6	113.60 EA
641A236037	2" F2080 × 2" F2080 × 1" F2080	B	1	6	112.91 EA
641A236027	2" F2080 × 2" F2080 × 1¼" F2080	B	1	6	113.60 EA
641A236017	2" F2080 × 2" F2080 × 1½" F2080	B	1	6	114.26 EA
641A236007	2" F2080 × 2" F2080 × 2" F2080	B	1	6	109.40 EA

PowerPEX™
NEW No Lead Brass Coupling

• One-piece no lead brass



645AG32

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645AG1	⅜" F2080 × ⅜" F2080	B	70	70	5.98 EA
645AG2	½" F2080 × ½" F2080	B	60	60	3.92 EA
645AG3	¾" F2080 × ¾" F2080	B	35	35	7.19 EA
645AG32	¾" F2080 × ½" F2080	B	45	45	6.54 EA
645AG4	1" F2080 × 1" F2080	B	20	20	10.87 EA
645AG43	1" F2080 × ¾" F2080	B	25	25	10.14 EA
645AG5	1¼" F2080 × 1¼" F2080	B	5	5	39.76 EA
645AG54	1¼" F2080 × 1" F2080	B	10	10	42.72 EA
645AG6	1½" F2080 × 1½" F2080	B	5	5	50.31 EA
645AG64	1½" F2080 × 1" F2080	B	5	5	52.18 EA
645AG7	2" F2080 × 2" F2080	B	3	3	91.58 EA

NSF

NO LEAD



645AG2

PowerPEX™
NEW Brass Coupling

• One-piece standard brass



645A260247

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645A243517	⅜" F2080 × ⅜" F2080	B	70	420	5.55 EA
645A260227	½" F2080 × ½" F2080	B	60	60	3.27 EA
645A260317	¾" F2080 × ¾" F2080	B	35	35	5.45 EA
645A260247	¾" F2080 × ½" F2080	B	45	45	6.99 EA
645A260427	1" F2080 × 1" F2080	B	20	20	9.12 EA
645A260447	1" F2080 × ¾" F2080	B	25	25	8.28 EA
645A235527	1¼" F2080 × 1¼" F2080	B	5	5	31.05 EA
645A235517	1¼" F2080 × 1" F2080	B	10	10	36.97 EA
645A235727	1½" F2080 × 1½" F2080	B	5	30	49.06 EA
645A235737	1½" F2080 × 1" F2080	B	5	30	37.64 EA
645A235717	1½" F2080 × 1¼" F2080	B	5	30	38.98 EA
645A235927	2" F2080 × 2" F2080	B	3	18	66.55 EA
645A235947	2" F2080 × 1" F2080	B	3	18	49.06 EA
645A235937	2" F2080 × 1¼" F2080	B	3	18	50.38 EA
645A235917	2" F2080 × 1½" F2080	B	3	18	56.48 EA

NSF



645A260227

PowerPEX™
NEW No Lead Brass Plug

• One-piece no lead brass



640AG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
640AG2	½" F2080	B	100	100	2.51 EA
640AG3	¾" F2080	B	60	60	4.13 EA
640AG4	1" F2080	B	30	30	10.33 EA

NSF

NO LEAD

PowerPEX™
NEW Brass Plug

- One-piece standard brass



640A260087

Item No	Description	Pkg	Min Qty	Case Qty	List Price
640A260087	½" F2080	B	100	600	2.20 EA
640A260397	¾" F2080	B	60	360	2.95 EA
640A260497	1" F2080	B	30	180	7.26 EA
640A235267	1¼" F2080	B	20	120	21.85 EA

PowerPEX™
NEW No Lead Brass Straight Adapter

Male Sweat (& Female Sweat) × PEX

- Full flow – no restriction
- One-piece no lead brass



643AG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	MALE SWEAT (& FEMALE SWEAT)				
643AG2	½" F2080 × ½" MSWT (⅜" FSWT)	B	65	65	3.30 EA
643AG3	¾" F2080 × ¾" MSWT (½" FSWT)	B	35	35	6.33 EA
643AG4	1" F2080 × 1" MSWT (¾" FSWT)	B	25	25	9.86 EA
643AG5	1¼" F2080 × 1¼" MSWT (1" FSWT)	B	5	5	33.30 EA
643AG6	1½" F2080 × 1½" MSWT (1¼" FSWT)	B	5	5	50.75 EA
643AG7	2" F2080 × 2" MSWT (1½" FSWT)	B	5	5	70.51 EA
	FEMALE SWEAT (& MALE SWEAT)				
644AG4	1" F2080 × 1" FSWT (1¼" MSWT)	B	20	20	11.96 EA
644AG5	1¼" F2080 × 1¼" FSWT (1½" MSWT)	B	5	5	27.26 EA
644AG6	1½" F2080 × 1½" FSWT (2" MSWT)	B	5	5	57.12 EA
644AG7	2" × F2080 × 2" FSWT (2½" MSWT)	B	3	3	87.03 EA

PowerPEX™
NEW Brass Straight Adapter

Male Sweat (& Female Sweat) × PEX

- Full flow – no restriction
- One-piece standard brass



643A260017

Item No	Description	Pkg	Min Qty	Case Qty	List Price
643A260017	½" F2080 × ½" MSWT (⅜" FSWT)	B	65	65	2.77 EA
643A260827	¾" F2080 × ¾" MSWT (½" FSWT)	B	35	35	5.17 EA
643A260417	1" F2080 × 1" MSWT (¾" FSWT)	B	25	25	8.09 EA
643A260947	1" F2080 × 1¼" MSWT (1" FSWT)	B	20	20	9.72 EA
643A235567	1¼" F2080 × 1¼" MSWT (1" FSWT)	B	5	30	28.90 EA
643A235577	1¼" F2080 × 1½" MSWT (1¼" FSWT)	B	5	5	41.00 EA
643A235767	1½" F2080 × 1½" MSWT (1¼" FSWT)	B	5	30	43.69 EA
643A235777	1½" F2080 × 2" MSWT (1½" FSWT)	B	5	5	49.06 EA
643A235967	2" F2080 × 2" MSWT (1½" FSWT)	B	5	30	57.14 EA
643A235977	2" × F2080 × 2½" MSWT (2" FSWT)	B	3	3	70.08 EA

PowerPEX™

NEW No Lead Brass Straight Adapter

Female Sweat × PEX

- Full flow – no restriction
- One-piece no lead brass



644AG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644AG2	½" F2080 × ½" FSWT	B	65	65	3.31 EA
644AG3	¾" F2080 × ¾" FSWT	B	25	25	8.17 EA
644AG43	¾" F2080 × 1" FSWT	B	35	35	10.17 EA

NSF

NO LEAD

PowerPEX™

NEW Brass Straight Adapter

Female Sweat × PEX

- Full flow – no restriction
- One-piece standard brass



644A260047

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644A260047	½" F2080 × ½" FSWT	B	65	65	2.70 EA
643A260837	¾" F2080 × ¾" FSWT	B	25	25	6.65 EA
644A260807	¾" F2080 × 1" FSWT	B	35	210	6.45 EA

NSF

PowerPEX™

NEW No Lead Brass Straight Adapter

MIP (& Female Sweat) × PEX

- One-piece no lead brass



646AG2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646AG21	⅜" F2080 × ½" MIP (½" FSWT)	B	50	50	6.98 EA
646AG2	½" F2080 × ½" MIP (½" FSWT)	B	65	65	5.21 EA
646AG3	¾" F2080 × ¾" MIP (½" FSWT)	B	35	35	8.76 EA
646AG34	¾" F2080 × 1" MIP (¾" FSWT)	B	20	20	10.10 EA
646AG4	1" F2080 × 1" MIP (¾" FSWT)	B	20	20	13.05 EA
646AG5	1¼" F2080 × 1¼" MIP (1" FSWT)	B	5	5	58.99 EA
646AG6	1½" F2080 × 1½" MIP (1¼" FSWT)	B	5	5	59.50 EA
646AG7	2" F2080 × 2" MIP (1½" FSWT)	B	3	3	126.87 EA

NSF

NO LEAD


646A260237

PowerPEX™
NEW Brass Straight Adapter
MIP (& Female Sweat) × PEX

- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646A243537	⅜" F2080 × ½" MIP (½" FSWT)	B	50	50	4.29 EA
646A260237	½" F2080 × ½" MIP (½" FSWT)	B	65	65	4.27 EA
646A260327	¾" F2080 × ¾" MIP (½" FSWT)	B	35	35	7.15 EA
646A260597	¾" F2080 × 1" MIP (¾" FSWT)	B	20	120	9.48 EA
646A260437	1" F2080 × 1" MIP (¾" FSWT)	B	20	20	10.45 EA
646A235557	1¼" F2080 × 1¼" MIP (1" FSWT)	B	5	5	49.06 EA
646A235757	1½" F2080 × 1½" MIP (1¼" FSWT)	B	5	5	54.45 EA
646A235957	2" F2080 × 2" MIP (1½" FSWT)	B	3	3	108.60 EA


647AG2

PowerPEX™
NEW No Lead Brass Straight Adapter
FIP × PEX

- One-piece no lead brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647AG2	½" F2080 × ½" FIP	B	35	35	6.49 EA
647AG3	¾" F2080 × ¾" FIP	B	25	25	9.48 EA
647AG4	1" F2080 × 1" FIP	B	10	10	15.04 EA


647A260287

PowerPEX™
NEW Brass Straight Adapter
FIP × PEX

- One-piece standard brass

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647A260287	½" F2080 × ½" FIP	B	35	35	5.46 EA
647A260387	¾" F2080 × ¾" FIP	B	25	25	7.72 EA
647A260487	1" F2080 × 1" FIP	B	10	10	12.25 EA

PowerPEX™
NEW No Lead Drop-Ear Elbow
MIP × PEX

- One-piece no lead brass



646AG2E

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646AG2E	½" MIP drop-ear × ½" F2080	B	25	150	18.24 EA

NSF NO LEAD

PowerPEX™
NEW Drop-Ear Elbow
MIP × PEX

- One-piece standard brass
- For use on shower risers, tub spouts and non-pressure fitting applications



646A260737

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646A260737	½" MIP drop-ear × ½" F2080	B	25	150	10.42 EA

NSF

PowerPEX™
NEW No Lead Drop-Ear Elbow
FIP × PEX

- One-piece no lead brass



647AG2E

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647AG2E	½" FIP drop-ear × ½" F2080	B	20	20	15.50 EA

NSF NO LEAD

PowerPEX™
NEW Drop-Ear Elbow
FIP × PEX

- One-piece standard brass
- For use on shower risers, tub spouts and non-pressure fitting applications



647A260667

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647A260667	½" FIP drop-ear × ½" F2080	B	20	20	7.52 EA
647A260777	¾" FIP drop-ear × ¾" F2080	B	15	90	19.46 EA
647A260787	1" FIP drop-ear × 1" F2080	B	8	48	34.64 EA

NSF



646A260747

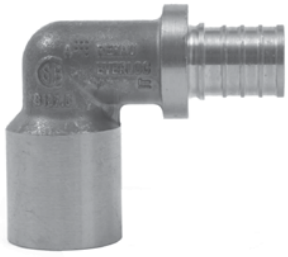
PowerPEX™

NEW Brass Elbow Adapter

MIP × PEX

- One-piece standard brass
- For use on shower risers, tub spouts and non-pressure fitting applications

	Item No	Description	Pkg	Min Qty	Case Qty	List Price
NSF	646A260747	½" MIP × ½" F2080	B	15	90	10.62 EA



632AG222

PowerPEX™

NEW No Lead Brass Elbow Adapter

Male Sweat or Female Sweat × PEX

- Full flow – no restriction
- One-piece no lead brass

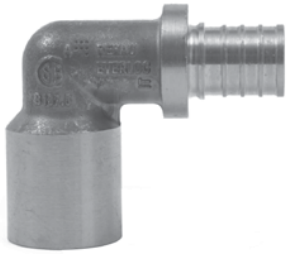
	Item No	Description	Pkg	Min Qty	Case Qty	List Price
	632AG222	½" F2080 × ½" MSWT (⅜" FSWT)	B	50	300	16.98 EA
NSF	632AG225	½" F2080 × ¾" MSWT (½" FSWT)	B	25	150	18.32 EA
	632AG235	½" F2080 × ¾" FSWT	B	35	35	17.00 EA
NO LEAD	632AG332	¾" F2080 × ¾" MSWT (½" FSWT)	B	25	150	20.86 EA
	632AG335	¾" F2080 × 1" MSWT (¾" FSWT)	B	20	120	27.52 EA

PowerPEX™

NEW Brass Elbow Adapter

Male Sweat or Female Sweat × PEX

- Full flow – no restriction
- One-piece standard brass



632A260537

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632A260537	½" F2080 × ½" MSWT (⅜" FSWT)	B	50	300	4.71 EA
632A260757	½" F2080 × ¾" MSWT (½" FSWT)	B	25	150	7.40 EA
632A260557	½" F2080 × ¾" FSWT	B	35	35	7.70 EA
632A260817	¾" F2080 × ¾" MSWT (½" FSWT)	B	25	150	9.28 EA
632A260767	¾" F2080 × 1" MSWT (¾" FSWT)	B	20	120	12.32 EA

NSF

PowerPEX™

NEW No Lead Brass Faucet Connector

Straight

- Easily connects PEX to faucet thread



637AG20

DO NOT use pipe dope on FIP threads

Item No	Description	Pkg	Min Qty	Case Qty	List Price
637AG20	Connect ½" F2080 × ½" FIP SWVL Straight	B	50	50	13.19 EA

NSF

NO LEAD



637A260097

DO NOT use pipe dope on FIP threads

PowerPEX™

NEW Brass Faucet Connector

Straight

- Easily connects PEX to faucet thread
- NSF listed

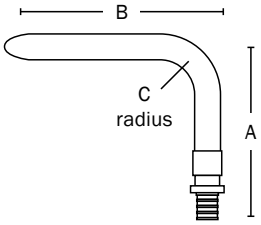
Item No	Description	Pkg	Min Qty	Case Qty	List Price
637A260097	Connect ½" F2080 × ½" FIP SWVL Straight	B	0	1	6.53 EA



630A261186



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

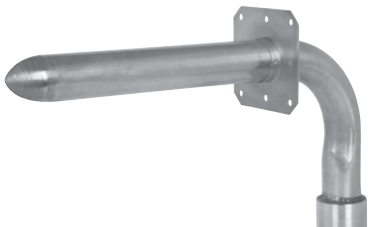


PowerPEX™

Stub Out Elbow

- Accepts sweat, push-fitting and compression valves
- Combines easy adapting of copper stub outs with easy installation of PEX system
- Type L copper

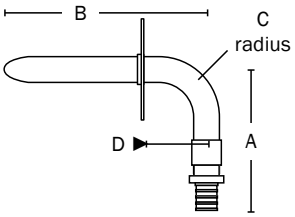
Item No	Connection	CTS	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
630A261186	½" F2080	½"	4"	8"	1¼"	B	25	25	10.04 EA
630A266687	¾" F2080	¾"	6"	8"	1¾"	B	5	40	19.44 EA



630A248E



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.



PowerPEX™

Stub Out Elbow

Square O Strap

- Accepts sweat, push-fitting and compression valves
- Combines easy adapting of copper stub outs with easy installation of PEX system
- Square O Straps affix easily to the Edge bracket or any backing board to provide solid installations
- Type L copper

Item No	Connection	CTS	Dimensions A	Dimensions B	Dimensions C	Dimensions D	Pkg	Min Qty	Case Qty	List Price
630A248E	½" F2080	½"	4"	8"	1¼"	1¾"	B	25	25	11.72 EA
630A348E	¾" F2080	¾"	6"	8"	1¾"	2"	B	25	25	21.82 EA

PowerPEX™
Bullet™
Spin Closed Stub Out

- Type L copper
- Accepts sweat, push-fitting and compression valves



638A266577



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

Item No	Connection	CTS	Length	Pkg	Min Qty	Case Qty	List Price
638A266577	½" F2080	½"	8"	B	100	100	11.60 EA

PowerPEX™
Tub/Shower Pressure Connector

- Perfect for sweat connection to standard tub/shower valves
- MIP and FIP swivel connections mean no torch at tub/shower valve
- Made from Type L copper
- Elongated tailpiece allows for rigid bracket attachment



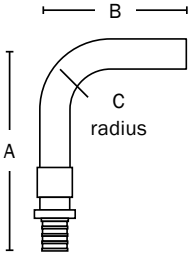
632A261196



632A263X

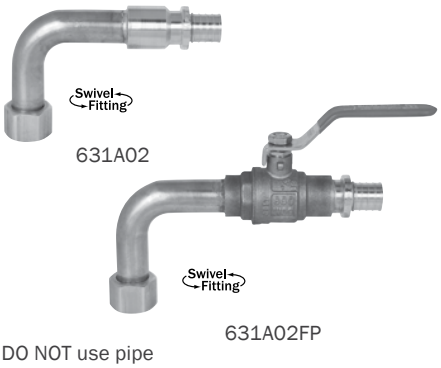


632A263Y

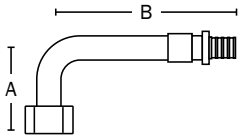


Related Products
ShowerUp™ Kits *p 140*

Item No	Connection	Dimensions			Pkg	Min Qty	Case Qty	List Price
		A	B	C				
632A261196	½" F2080 × ½" MSWT	2¾"	6"	1¼"	B	50	50	9.14 EA
632A263X	½" F2080 × ½" MIP swivel	3"	6"	1¼"	B	50	50	14.00 EA
632A263Y	½" F2080 × ½" FIP swivel	3"	6"	1¼"	B	50	50	12.71 EA



DO NOT use pipe dope on FIP threads



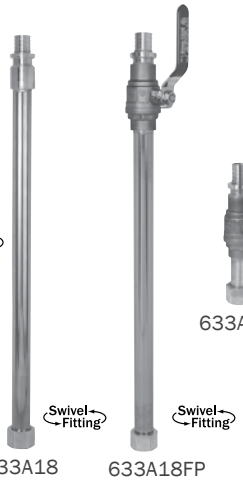
PowerPEX™
Water Heater Connector
FIP Elbow

- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Dielectric fitting
- Lead-free solder joint
- ¾" Type L copper

Related Products
Water Heater Stub Out Kits *p 141*

Item No	Connection	Dimensions A	Dimensions B	Ball Valve	Pkg	Min Qty	Case Qty	List Price
631A02FP	¾" F2080 × ¾" FIP swivel	3"	6½"	✓	B	25	25	38.49 EA





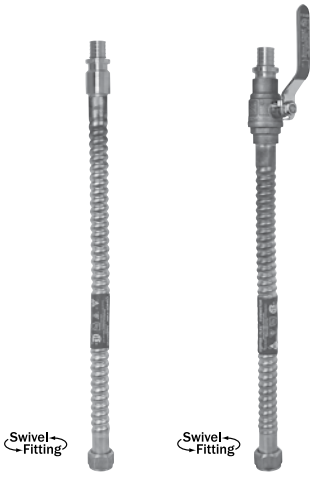


DO NOT use pipe dope on FIP threads

PowerPEX™
Water Heater Connector
FIP Straight

- Full flow, dielectric fitting – no restriction
- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Lead-free solder joint
- Made from Type L copper

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
633A306FP	¾" F2080 × ¾" FIP swivel	6"	✓	B	10	10	34.25 EA
633A18	¾" F2080 × ¾" FIP swivel	18"		B	25	25	28.68 EA
633A18FP	¾" F2080 × ¾" FIP swivel	18"	✓	B	25	25	42.88 EA
NEW 633A260587	¾" F2080 × ¾" FIP swivel	2½"		B	30	180	14.07 EA



PowerPEX™
Water Heater Connector
FIP Flexible

- Brass FIP swivel nut includes gasket
- Fitting with 600 WOG full port ball valve available
- Flexible dielectric fitting works well in tight spaces
- Lead-free solder joint

Related Products
Water Heater Stub Out Kits *p 141*

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
634A418	¾" F2080 × ¾" FIP swivel	18"		B	25	25	29.64 EA
634A418FP	¾" F2080 × ¾" FIP swivel	18"	✓	B	25	25	44.23 EA

PowerPEX™
Water Heater Connector
MIP Straight

- Full flow – no restriction
- Fitting with 600 WOG full port ball valve available
- Lead-free solder joint
- Made from Type L copper



646A306FP

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
646A306FP	¾" F2080 × ¾" MIP	6"	✓	B	10	10	33.94 EA

PowerPEX™
NEW Brass Straight Adapter Coupling
CPVC × F2080

- Quickly transition from one pipe type to another



645AC2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645AC2	½" CPVC × ½" F2080	B	50	50	8.47 EA
645AC3	¾" CPVC × ¾" F2080	B	50	50	14.51 EA
645AC4	1" CPVC × 1" F2080	B	20	20	22.75 EA

FBC SYSTEM COMPATIBLE

PowerPEX™
NEW Brass Straight Adapter Coupling
PVC × F2080

- Quickly transition from one pipe type to another



645A3P

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645A3P	1" PVC × ¾" F2080	B	50	50	14.50 EA
645A4P	1" PVC × ¾" F2080	B	20	20	22.64 EA



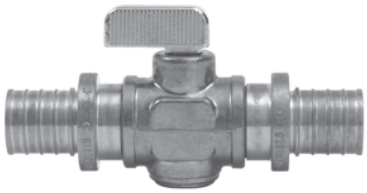
648A4FP

PowerPEX™
NEW Full Port Ball Valve

PEX × PEX

- Chrome-plated ball, blowout-proof stem

Item No	Description	Pkg	Min Qty	Case Qty	List Price
648A4FP	1" F2080	B	10	10	53.57 EA



648A261906

PowerPEX™
NEW Ball Valve

PEX × PEX

- Chrome-plated ball, blowout-proof stem
- ANSI/NSF 61

Item No	Description	Pkg	Min Qty	Case Qty	List Price
648A261906	½" F2080	B	24	24	16.32 EA
648A261956	¾" F2080	B	12	12	24.48 EA

PowerPEX™

NEW Ball Valve

Female Sweat × PEX

- Chrome-plated ball, blowout-proof stem
- ANSI/NSF 61



648A261946

Item No	Description	Pkg	Min Qty	Case Qty	List Price
648A261946	½" F2080	B	24	24	14.25 EA
648A261376	¾" F2080	B	18	18	26.87 EA

PowerPEX™

NEW Fixture Supply Valve

Compression × PEX

- Chrome-plated ball, blowout-proof stem
- ANSI/NSF 61
- Easily connects PEX to fixture



648A261976

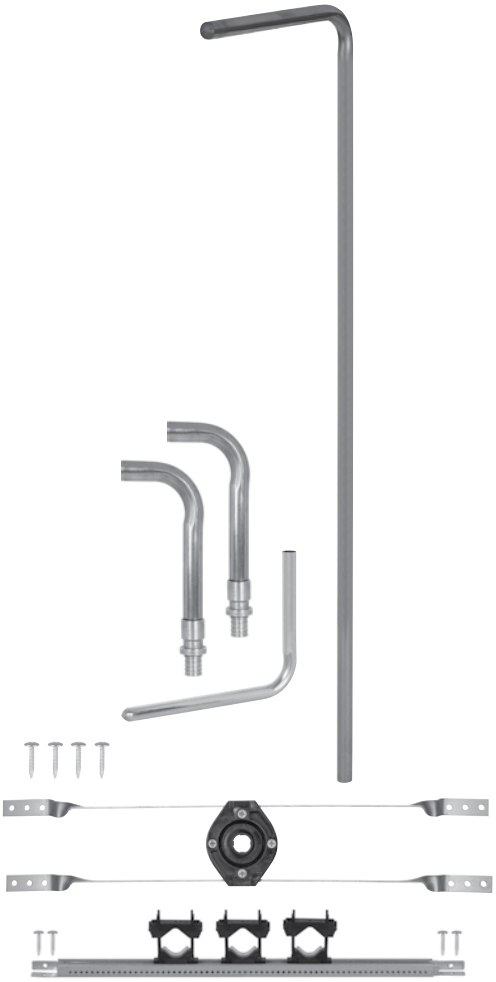
Item No	Description	Pkg	Min Qty	Case Qty	List Price
648A261476	½" F2080 × ⅜" × ⅜" Double COMP, Angle Chrome	B	12	72	31.99 EA
648A261976	½" F2080 × ⅜" COMP, Straight Chrome	B	18	18	16.00 EA
648A261996	½" F2080 × ⅜" COMP, Angle Chrome	B	18	18	16.00 EA

PowerPEX™

NEW ShowerUp™ Kits

F2080 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



693-13915301

Related Products
Build your own kit *p 262*

Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
693-13915301	8" × 7" MSWT tub spout elbow 6" × 2¾" MSWT × ½" PEX F2080 pressure connectors ½" MSWT × spun, 50" × 8" stub out elbow 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	613-87 632A261196 608-L2508 525-16WLB 523-2434	B*	12.	12	61.69 KT
693-03924203	6" × 7" MIP swivel tub spout elbow 6" × 3" MIP swivel × ½" PEX F2080 pressure connectors ½" MIP swivel × drop ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67X 632A263X 616-650X 523-2404 523-2434	B*	12.	12	83.82 KT
693-01924101	no tub spout elbow 6" × 3" MIP swivel × ½" PEX F2080 pressure connectors ½" MIP swivel × drop ear 90, 30" 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	— 632A263X 616-630X 525-16WLB 523-2434	B*	12.	12	63.45 KT
693-01915104	no tub spout elbow 6" × 2¾" MSWT × ½" PEX F2080 pressure connectors ½" MSWT × spun, 30" × 8" stub out elbow 16" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 2TD clamp, 4 screws	— 632A261196 608-L2308 525-16WLB 523-2434	B*	12.	12	46.47 KT
693-16913203	10" × 7" MSWT tub spout elbow 6" × 2¾" MSWT × ½" PEX F2080 pressure connectors ½" MSWT × drop ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-107 632A261196 616-650 523-2404 523-2434	B*	12.	12	66.02 KT

PowerPEX™
Stub Out Kits
F2080 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



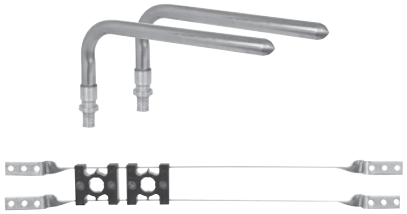
689AG2201

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689AG2201	4" × 8", ½" F2080 stub out elbow Strong Arm brackets with one, ½" Lock Block	630AG248 525-1612	B*	12	12	13.91 KT
	FOR 24" STUD BAYS					
689AG2211	4" × 8", ½" F2080 stub out elbow Strong Arm brackets with one, ½" Lock Block	630AG248 525-2412	B*	12	12	14.34 KT

NO LEAD

PowerPEX™
Lav/Sink Stub Out Kits
F2080 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689AG3202

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689AG3202	Two 4" × 8", ½" F2080 stub out elbows Strong Arm brackets with two, ½" Lock Blocks	630AG248 525-1622	B*	12	12	25.43 KT
	FOR 24" STUD BAYS					
689AG3212	Two 4" × 8", ½" F2080 stub out elbows Strong Arm brackets with two, ½" Lock Blocks	630AG248 525-2422	B*	12	12	25.86 KT

NO LEAD

PowerPEX™
Water Heater Stub Out Kits
F2080 PEX Connection

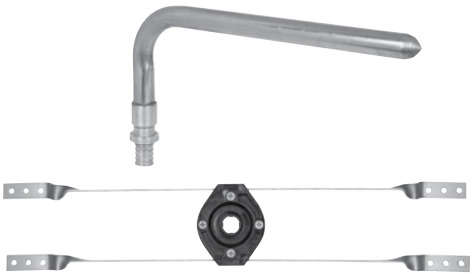
- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689AG5103

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689AG5103	Two 6" × 8", ¾" F2080 stub out elbows Strong Arm brackets with two, ¾" Lock Blocks	630AG368 525-1623	B*	12	12	46.68 KT
	FOR 24" STUD BAYS					
689AG5113	Two 6" × 8", ¾" F2080 stub out elbows Strong Arm brackets with two, ¾" Lock Blocks	630AG368 525-2423	B*	12	12	43.41 KT

NO LEAD



689AG2291

PowerPEX™

Shower Riser Elbow Kits

F2080 PEX Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

	Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
		FOR 16" STUD BAYS					
NO LEAD	689AG2291	4" × 8", ½" F2080 stub out elbow Strong Arm brackets with one ½" WallNut Lock Block	630A248 525-16WLB	B*	12	12	14.76 KT



694AG32012091

PowerPEX™

NEW Water Heater Connector Kits

F2080 PEX Connection

- Pre-manufactured assemblies
- Maintains the necessary 18" distance from PEX

Related Products
Build your own kit *p 271*

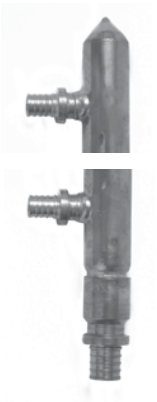
	Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	694AG32012091	¾" F2080 PEX × ¾" FIP swivel ¾" F2080 PEX × ¾" FIP swivel elbow, ball valve ¾" × ¾" FIP swivel with ¾" MIP branch	633AG18 631AG02FP 633-3TM15	B*	10.	10	112.11 KT
	694AG321223	¾" F2080 PEX × ¾" FIP swivel ¾" F2080 PEX × ¾" FIP swivel, ball valve Two ¾" MIP × ¾" MIP dielectric nipples	633AG18 633AG18FP 635-33	B*	10.	10	92.85 KT
	694AG32012391	¾" F2080 PEX × ¾" FIP swivel ¾" F2080 PEX × ¾" FIP swivel elbow, ball valve Two ¾" MIP × ¾" MIP dielectric nipples ¾" × ¾" FIP swivel with ¾" MIP branch	633AG18 631AG02FP 635-33 633-3TM15	B*	10.	10	120.85 KT
	694AG321220	¾" F2080 PEX × ¾" FIP swivel ¾" F2080 PEX × ¾" FIP swivel, ball valve	633AG18 633AG18FP	B*	10.	10	84.11 KT
NO LEAD	694AG32012093	¾" F2080 PEX × ¾" FIP swivel ¾" F2080 PEX × ¾" FIP swivel, ball valve ¾" × ¾" FIP swivel with ¾" MIP branch	633AG18 631AG02FP 633-3TM11	B*	10.	10	110.13 KT

PowerPEX™

NEW

½" F2080 PEX Branches
¾" F2080 PEX × Spin Closed Trunks

- 1" Type L copper trunk
- Branches are 2" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

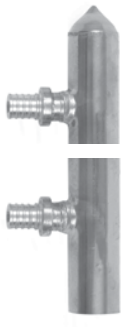
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672A266327	2	½" F2080	B*	1	10	37.54 EA
672A266337	3	½" F2080	B*	1	10	42.39 EA
672A266347	4	½" F2080	B*	1	10	48.77 EA

PowerPEX™

NEW

½" F2080 PEX Branches
1" Male Sweat × Spin Closed Trunks

- 1" Type L copper trunk
- Branches are 2" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

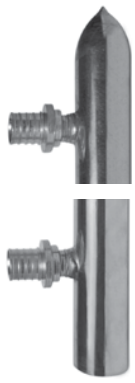
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672A234427	2	½" F2080	B*	1	10	24.95 EA
672A234437	3	½" F2080	B*	1	10	30.74 EA
672A234447	4	½" F2080	B*	1	10	41.01 EA
672A234457	5	½" F2080	B*	1	10	51.25 EA
672A234467	6	½" F2080	B*	1	10	59.12 EA
672A234487	8	½" F2080	B*	1	10	78.84 EA
672A234417	12	½" F2080	B*	1	5	118.25 EA

PowerPEX™

NEW

F2080 PEX Branches
1¼", 1½" & 2" Male Sweat × Spin Closed Trunks

- Branches are 3" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Trunk Size	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672A234607	1¼"	12	¾" F2080	B*	1	5	256.14 EA
672A234637	1½"	12	¾" F2080	B*	1	5	271.00 EA
672A234647	1½"	12	1" F2080	B*	1	5	534.02 EA
672A234667	2"	12	¾" F2080	B*	1	5	389.65 EA
672A234677	2"	12	1" F2080	B*	1	5	617.67 EA



PowerPEX™

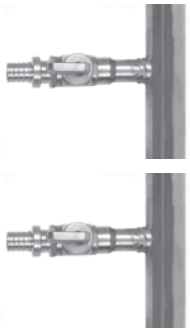
NEW

½" F2080 PEX Branches 1" & 1¼" Male Sweat × Male Sweat Trunks

- Branches are 3" on-center

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information *p 66*

Item No	Trunk Size	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672A266397	1"	12	½" F2080	B*	1	5	124.34 EA
672A266357	1"	24	½" F2080	B*	1	5	248.24 EA
672A266367	1¼"	24	½" F2080	B*	1	1	275.70 EA



PowerPEX™

NEW

½" F2080 PEX Branches 1" Male Sweat × Male Sweat Trunks

- 1" Type L copper trunk
- Branches are 2" on-center

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information *p 66*

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672A234107	12	½" F2080	B*	1	4	482.98 EA

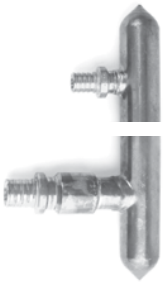
PowerPEX™

NEW

½" F2080 PEX Branches with one ¾" Branch

1" Spin Closed × Spin Closed Trunks

- Perfect for slab manifold applications
- 1" Type L copper trunk
- Branches are 2" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information *p 66*

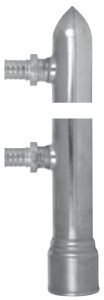
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672A234527	2	½" F2080	B*	1	10	39.13 EA
672A234537	3	½" F2080	B*	1	10	49.80 EA
672A234547	4	½" F2080	B*	1	10	59.62 EA
672A234557	5	½" F2080	B*	1	10	70.58 EA
672A234567	6	½" F2080	B*	1	10	77.79 EA
672A234587	8	½" F2080	B*	1	10	100.61 EA
672A234517	12	½" F2080	B*	1	5	157.28 EA

PowerPEX™

½" F2080 PEX Branches

1" CPVC × Spin Closed Trunks

- Perfect for hybrid potable water piping systems
- 1" Type L copper trunk
- Branches are 2" on-center



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information *p 66*

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
672A04C0	4	½" F2080	B	10	10	46.73 EA
672A06C0	6	½" F2080	B	10	10	62.92 EA
672A08C0	8	½" F2080	B	10	10	78.50 EA
672A10C0	10	½" F2080	B	10	10	94.68 EA
672A12C0	12	½" F2080	B	10	10	109.35 EA

FBC SYSTEM COMPATIBLE



305-A139592-0

PowerPEX™
NEW Expander Tool
F2080 PEX Tool

- Expander heads sold separately
- PowerPEX™ Tools by Tomahawk™

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-A139592-0	F2080 Pipe Expander Tool	B	1	1	300.94 EA



305-A261866-2

PowerPEX™
NEW Expander Head
F2080 PEX Tool

- PowerPEX™ Tools by Tomahawk™



305-A235417-5

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-A261856-1	⅜"	B	1	1	196.11 EA
305-A261866-2	½"	B	1	1	168.98 EA
305-A261886-3	¾"	B	1	1	171.93 EA
305-A261896-4	1"	B	1	1	176.84 EA
305-A235417-5	1¼"	B	1	1	191.58 EA
305-A235427-6	1½" for H2 Tool	B	1	1	290.11 EA
305-A235437-7	2" for H2 Tool	B	1	1	317.34 EA



305-A243737

PowerPEX™
NEW Compression Tool
F2080 PEX Tool

- Compression jaw set sold separately
- PowerPEX™ Tools by Tomahawk™

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-A243737	½" – 1¼"	B	1	1	572.92 EA



305-A243787

PowerPEX™
NEW Compression Jaw Set
F2080 PEX Tool

- PowerPEX™ Tools by Tomahawk™

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-A243767	⅜", ½", ⅝", ¾", Jaw (Set), 4-in-1	B	1	1	123.79 EA
305-A243787	1" Jaw (Set)	B	1	1	109.94 EA
305-A243797	1¼" Jaw (Set)	B	1	1	112.08 EA
305-A137964	1½" Jaw (Set) for H2 Tool	B	1	1	1,237.00 EA
305-A235497	2" Jaw (Set) for H2 Tool	B	1	1	1,317.79 EA

PowerPEX™

NEW Combo Tool: Compression & Expansion

F2080 PEX Tool

- Expander heads sold separately
- Use to expand ⅜" – 1" PEX tube
- Use to compress ⅜" – ½" PEX tube only
- PowerPEX™ Tools by Tomahawk™



305-A243107

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-A243107	⅜" – 1"	B	1	1	423.41 EA

PowerPEX™

NEW Tool Kit – F2080

F2080 PEX Tool Kit

- Standard Kit:
  - One 305-A139592-0, pipe expander tool
  - One 305-A261866-2, 1/2" expander head
  - One 305-A261886-3, 3/4" expander head
  - One 305-A243107, 1/2" & 3/8" compression/expansion tool
  - One 305-A243737, compression tool
  - One 305-A243767, 4-in-1 compression jaw set
  - One 304-12, pipe cutter
  - One tool box
- Basic Kit:
  - One 305-A139592-0, pipe expander tool
  - One 305-A261866-2, 1/2" expander head
  - One 305-A261886-3, 3/4" expander head
  - One 305-A243737, compression tool
  - One 305-A243767, 4-in-1 compression jaw set
  - One 304-12, pipe cutter
  - One tool box
- Deluxe Kit:
  - One 305-A139592-0, pipe expander tool
  - One 305-A261866-2, 1/2" expander head
  - One 305-A261886-3, 3/4" expander head
  - One 305-A243107, 1/2" & 3/8" compression/expansion tool
  - One 305-A243737, compression tool
  - One 305-A243767, 4-in-1 compression jaw set
  - One 304-12, pipe cutter
  - One tool box
  - One 304-11, ratchet pipe cutter
  - One 305-A261896-4, 1" expander head
  - One 305-A243787, 1" compression jaw set
- PowerPEX™ Tools by Tomahawk™



305-A261216
Standard



305-A261246
Basic



305-A261256
Deluxe

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-A261216	F2080 Standard Tool Kit	B	1	1	1,990.40 EA
305-A261246	F2080 Basic Tool Kit	B	1	1	1,374.81 EA
305-A261256	F2080 Deluxe Tool Kit	B	1	1	2,232.65 EA



305-A235407

PowerPEX™

NEW

H2 Hydraulic Tool and Head for Compression & Expansion – F2080

F2080 PEX Tool Kit

- PowerPEX™ Tools by Tomahawk™

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305-A235407	F2080 H2 Hydraulic Tool Kit: 1½" & 2"	B	1	1	8,008.13 EA



280-A266537

PowerPEX™

NEW

Stainless Steel PEX Tube Insert

- Inserts reinforce inner PEX tube wall for compression connections

NO LEAD

Item No	Description	Pkg	Min Qty	Case Qty	List Price
280-A266537	½"	B	10	2500	1.49 EA
280-A266607	¾"	B	50	1000	5.60 EA
280-A266617	1"	B	50	1000	6.37 EA
280-A266627	1¼"	B	25	25	11.23 EA
280-A266637	1½"	B	25	25	12.00 EA
280-A266647	2"	B	25	25	13.37 EA

SPECIALIZED SUPPLY

CPVC
Adapters/Connectors
Preformed Copper
Valves
Water Heater Connectors
Kits
Manifolds

PVC
Adapters/Connectors
Valves

SWEAT
Couplings
Adapters/Connectors
Preformed Copper
Valves
Water Heater Connectors
Manifolds
Add-A-Lines™
Wal-Let™
Accessories
Water Service Connectors
Kits

FIT QUICK PUSH FITTINGS
Directionals
Couplings
Adapters/Connectors
Plugs
Preformed Copper
Valves
Tools

F1380 POLYBUTYLENE
Rings
Directionals
Couplings
Adapters/Connectors
Valves

Specialized Supply



CPVC
Metal Head™ Adapters
p 154



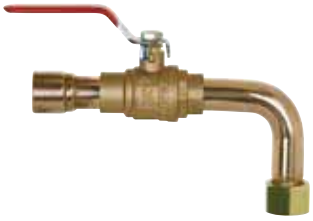
Short-N-Swivel™
FIP × CPVC Swivel Adapters
p 155



CPVC Wal-Let™
Wall Termination Fitting
p 157



CPVC
Stub Out Elbows
p 160



CPVC
Water Heater Connectors
p 161



CPVC
Kits
p 166



PVC
Metal Head™ Adapters
p 174



Sweat Wal-Let™
Wall Termination Fitting
p 180



Sweat
Dishwasher Connector
p 183



Sweat
Stub Out Elbows
p 183



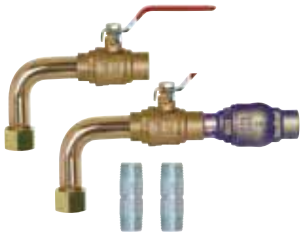
Sweat
Bullets™
p 187



Replace-A-Valve™
Full-Port Ball Valve
p 195



Add-A-Line™
Full-Slip Valve Tee
p 200



Sweat
Kits
p 202



Sweat
Manifolds
p 204



Fit Quick™
Fittings
p 211



F1380 Polybutylene (PB)
Fittings
p 219

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

CPVC

ADAPTERS/CONNECTORS

PREFORMED COPPER

VALVES

WATER HEATER CONNECTORS

KITS

MANIFOLDS

Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass product availability and CPVC fitting options

Sioux Chief no longer builds stock or produces leaded brass for CPVC or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

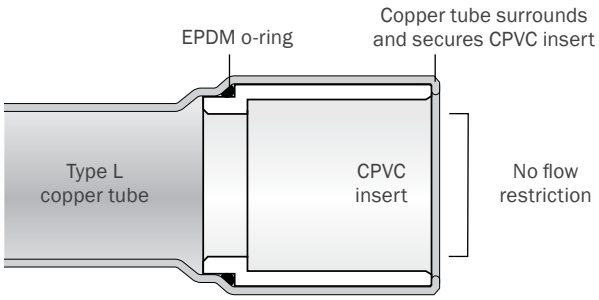
Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

Sioux Chief has made the investment in no lead brass inventory for the majority of our current products.

For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

Sioux Chief Metal Head™ CPVC Fittings

- The most complete line of transition fittings in the industry.
- Sioux Chief CPVC fittings are made in the United States with domestic materials.
- Compatible with FlowGuard Gold® pipe and fittings. FGG/BM/CZ™ System compatible. Standard solvent weld socket connection.
- Makes CPVC to fixture connections faster, easier and more durable than other transition fittings.
- All fittings are 100% production tested to ensure maximum quality and a leak-free connection.
- Hydrostatic pressure tested to over 500 PSI without leaks.
- Thermal cycle tested up to 180°F for 1000 cycles.



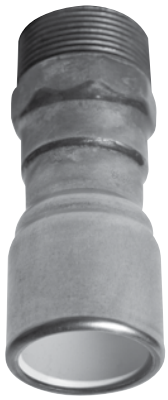
Important Notes About Sioux Chief CPVC Fittings

- All Sioux Chief CPVC fittings conform to ASTM D2846 Standard for CPVC piping systems and are designed for use with any CPVC pipe and fittings conforming to ASTM D2846. A select group of our transition fittings have been tested and certified by CSA to the ASTM D2846 Standard and CSA Standard B137.6 and/or listed by UPC.
- Do not cut, alter or modify any Sioux Chief CPVC transition fitting. Doing so voids the manufacturer's warranty. The only exception is for the 630-C series (p 97) where the spin closed end must be cut off.
- Do not expose CPVC transition area of fitting to heat in excess of 180°F. Excessive heat will distort and deform the CPVC insert and damage the internal o-ring seal. Never install a damaged fitting.
- Perform all solder joints on Sioux Chief ½" and ¾" CPVC transition fittings at a minimum distance of 10" along copper tube from the CPVC transition area. For 1" – 2" CPVC transition fittings, temporarily plug CPVC socket with a nipple and cap. Perform all solder joints on Sioux Chief 1" – 2" CPVC transition fittings a minimum distance of 18" along the copper tube. If a heat blocker is used, soldering distance may be reduced to 6" for ½" and ¾" CPVC transition fittings and 15" for 1" CPVC transition fittings.



FBC SYSTEM COMPATIBLE

FGG/BM/CZ® System Compatible indicates this product has been tested and is monitored on an ongoing basis to assure chemical compatibility with FlowGuard Gold®, BlazeMaster®, and Corzan® pipe and fittings. FGG/BM/CZ®, FlowGuard Gold®, BlazeMaster® and Corzan® are registered trademarks of Lubrizol Corporation.



646-C5

Metal Head™
Copper Adapter
MIP × CPVC

NO LEAD

FBC SYSTEM COMPATIBLE

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
646-CG4	1" CPVC × 1" MIP	3¾"	B	20	20	14.43 EA
646-C5	1¼" CPVC × 1¼" MIP	4¼"	B	10	10	37.45 EA
646-C6	1½" CPVC × 1½" MIP	5"	B	10	10	47.14 EA
646-C7	2" CPVC × 2" MIP	6"	B	10	10	71.51 EA



647-C5

Metal Head™
Copper Adapter
FIP × CPVC

NO LEAD

FBC SYSTEM COMPATIBLE

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
647-CG4	1" CPVC × 1" FIP	3¾"	B	20	20	16.99 EA
647-C5	1¼" CPVC × 1¼" FIP	4½"	B	10	10	38.45 EA
647-C6	1½" CPVC × 1½" FIP	5¼"	B	10	10	48.40 EA
647-C7	2" CPVC × 2" FIP	6"	B	10	10	73.43 EA



646-CG2

Metal Head™
NEW No Lead Brass Adapter
MIP × CPVC

NO LEAD

FBC SYSTEM COMPATIBLE

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
646-CG2	½" CPVC × ½" MIP	2½"	B	50	50	5.07 EA
646-CG3	¾" CPVC × ¾" MIP	3¼"	B	50	50	6.98 EA



647-CG2

Metal Head™
NEW No Lead Brass Adapter
FIP × CPVC

NO LEAD

FBC SYSTEM COMPATIBLE

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
647-CG2	½" CPVC × ½" FIP	2¾"	B	50	50	5.07 EA
647-CG3	¾" CPVC × ¾" FIP	3¼"	B	50	50	7.87 EA

Short-N-Swivel™

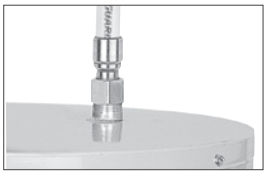
FIP × CPVC Swivel Adapter

- Incredibly versatile and affordable fitting
- One will take the place of up to three expensive union adapters
- Brass swivel nut includes gasket, making it a dielectric fitting
- The 633-C4403 provides a perfect transition from the water meter to 1" CPVC



637-C20

DO NOT use pipe dope on FIP threads



¾" Short-N-Swivel™ is perfect for hooking up electric water heaters.

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
637-C20	½" CPVC × ½" FIP swivel	2"	B	25	25	7.56 EA
637-C20PK2	½" CPVC × ½" FIP swivel	2"	C*	10	10	7.81 EA
633-C02	¾" CPVC × ¾" FIP swivel	3"	B	50	50	10.94 EA
633-C02PK	¾" CPVC × ¾" FIP swivel	3"	C*	10	10	11.44 EA
633-C4403	1" CPVC × 1" FIP swivel	3⅛"	B	20	20	20.73 EA

NO LEAD

FBC SYSTEM COMPATIBLE

Mini-Rester™

» See page 226

- May be installed at any angle
- All Mini-Resters are approved for sealed wall installations with no access panel required
- CPVC solvent weld arresters install on ½" CPVC tube or fittings in rough-in or retrofit applications
- All Mini-Resters are AA size



CONSIDER SIOUX CHIEF AS YOUR
ROUGH PLUMBING ARMORY
TOGETHER, WE WILL TAKE THE FIELD.

» SUPPLY > ARRESTERS & PRIMERS > Mini-Rester



616-CG2E3

NEW Metal Head™ No Lead Tub/Shower Elbow

Shower-Lock & Drop-Ear Models

- Robust design stands up to job site abuse
- Do not wrench CPVC
- Use pipe thread tape only

NO LEAD

FBC SYSTEM COMPATIBLE

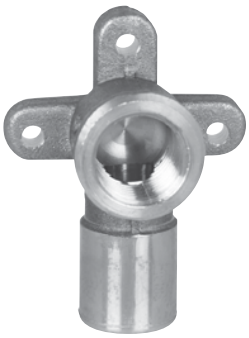
Related Products
Shower WallNut™



Item No	Description	Pkg	Min Qty	Case Qty	List Price
616-CG2E3	½" CPVC × ½" FIP drop-ear elbow	B	50	50	6.17 EA



616-C2



647-C2E3

Metal Head™ Tub/Shower Elbow

Shower-Lock & Drop-Ear Models

- Shower-lock models for applications with wallboard or fiberglass shower units
- Internal FIP threads accept shower arms or tub nipples
- For use on shower risers, tub spouts and non-pressure fitting applications

FBC SYSTEM COMPATIBLE

Related Products
Shower WallNut™



Item No	Description	Pkg	Min Qty	Case Qty	List Price
616-C2	½" CPVC × ½" FIP shower-lock elbow with 2" O.D. lock nuts	B	50	50	13.29 EA
616-C2PK	½" CPVC × ½" FIP shower-lock elbow with 2" O.D. lock nuts	C*	10	10	13.79 EA
647-C2E3	½" CPVC × ½" FIP drop-ear elbow	B	50	50	7.76 EA
647-C2E3PK2	½" CPVC × ½" FIP drop-ear elbow	C*	10	10	8.01 EA
647-C3E	¾" CPVC × ¾" FIP drop-ear elbow	B	25	25	16.81 EA
647-C4E	1" CPVC × 1" FIP drop-ear elbow	B	10	10	27.02 EA

Metal Head™

Adapter

Sillcock Adapter

- Perfect for connecting sillcocks to CPVC systems
- Lead-free solder joint



647-C2DW



647-C2D

Item No	Description	Length	Pkg	Min Qty	Case Qty	List Price
647-C2D	½" CPVC × ½" FIP drop-ear	2½"	B	50	50	15.73 EA
647-C2DPK2	½" CPVC × ½" FIP drop-ear, 1/bag	2½"	C*	10	10	15.98 BG
647-C2DW	½" CPVC × ½" FIP wing-ear	2⅝"	B	50	50	15.35 EA
647-C2DWPK2	½" CPVC × ½" FIP wing-ear, 1/bag	2⅝"	C*	10	10	15.60 BG

FBC SYSTEM COMPATIBLE

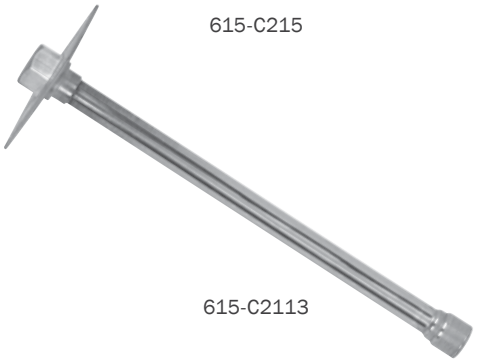
Wal-Let™

Wall Termination Fitting

- Perfect for connecting sillcocks, shower rain heads, body spray systems and pot fillers
- One-piece, forged brass fitting with rigid mounting plate soldered to copper elbow with lead-free solder



615-C215



615-C2113

Item No	Description	Pkg	Min Qty	Case Qty	List Price
615-C2113	½" CPVC × ½" FIP, 11" straight	B	25	25	21.50 EA
615-C215	½" CPVC × ½" FIP, 1⅝" straight	B	10	10	15.50 EA

FBC SYSTEM COMPATIBLE

Metal Head™

Adapter

F1807 PEX Crimp × CPVC
F1960 PEX Cold Expansion × CPVC
PB × CPVC
Viega® PEX Press® × CPVC
F2434 Failsafe™ × CPVC
F2080 × CPVC

- Lead-free solder joint
- Viega® PEX Press® units must use a Viega® Sleeve



645WC2



645XC2



645-C2G



645VC3



645XC54



Related Products
½" F1807 PEX Branches
1" CPVC × Spin Closed Trunk Manifold *p 74*

Item No	Connection	Length	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	F1807 PEX CRIMP						
645XC2	½" CPVC × ½" F1807	1⅜"	✓	B	50	50	4.50 EA
645XC2PK2	½" CPVC × ½" F1807	1⅜"	✓	C*	10	10	4.65 EA
645XC23	¾" CPVC × ½" F1807	3½"	✓	B	50	50	7.75 EA
645XC3	¾" CPVC × ¾" F1807	2⅜"	✓	B	50	50	5.00 EA
645XC3PK2	¾" CPVC × ¾" F1807	2⅜"	✓	C*	10	10	5.15 EA
645XC43	¾" CPVC × 1" F1807	3⅜"	✓	B	20	20	13.75 EA
645XC34	1" CPVC × ¾" F1807	3⅜"	✓	B	20	20	13.75 EA
645XC4	1" CPVC × 1" F1807	3⅜"	✓	B	20	20	13.50 EA
	F1960 PEX COLD EXPANSION						
645WC2	½" CPVC × ½" F1960	1⅜"		B	50	50	6.64 EA
645WC3	¾" CPVC × ¾" F1960	2⅜"		B	50	50	9.30 EA
645WC4	1" CPVC × 1" F1960	3⅜"		B	20	20	18.58 EA
	NO LEAD F1960 PEX COLD EXPANSION						
645WGC2	½" CPVC × ½" F1960	1⅜"	✓	B	50	50	7.66 EA
645WGC3	¾" CPVC × ¾" F1960	2⅜"	✓	B	50	50	13.11 EA
645WGC4	1" CPVC × 1" F1960	3⅜"	✓	B	20	20	18.91 EA
	PB						
645-C2G	½" CPVC × ½" PB	2⅝"	✓	B	50	50	7.32 EA
645-C3G	¾" CPVC × ¾" PB	3¼"	✓	B	50	50	9.56 EA
	VIEGA PEX PRESS						
645VC2	½" CPVC × ½" PEX Press	2½"		B	50	50	7.36 EA
645VC3	¾" CPVC × ¾" PEX Press	3⅛"		B	50	50	14.29 EA
645VC4	1" CPVC × 1" PEX Press	3⁹⁄₁₆"		B	20	20	20.59 EA
	FAILSAFE						
645XC54	1" CPVC × 1¼" Failsafe	3¾"		B	10	10	59.98 EA
645XC5	1¼" CPVC × 1¼" Failsafe	4¼"		B	10	10	38.26 EA
	F2080 PEX						
645AC2	½" CPVC × ½" F2080	3⅜"		B	50	50	8.47 EA
645AC3	¾" CPVC × ¾" F2080	4"		B	50	50	14.51 EA
645AC4	1" CPVC × 1" F2080	4⅜"		B	20	20	22.75 EA

FBC SYSTEM COMPATIBLE

Metal Head™
Adapter
Male Sweat × CPVC

- Perfect for connecting sillcocks, laundry boxes, water service connections, etc.
- All fittings are production tested to ensure maximum quality and a leak-free connection



643-C311

Use Caution When Soldering

Whenever possible, solder with CPVC socket facing downward. If CPVC joint is above solder joint, plug temporarily with nipple and cap to prevent chimney effect.



Always apply torch to female fitting, not to the adapter.

Perform all solder joints a minimum of:
10" from ½" and ¾" CPVC sockets
18" from 1" and 1¼" CPVC sockets
20" from 1½" CPVC socket
22" from 2" CPVC socket

Use a commercial heat blocking agent between solder joint and CPVC joint.

CAUTION
Do not cut this fitting. Cutting this fitting voids warranty. Do not allow CPVC portion of fitting to be heated. Do not exceed 180°F. Excessive heat can damage the CPVC insert and internal o-ring.

Item No	Description	Length	Pkg	Min Qty	Case Qty	List Price
643-C211	½" CPVC × ½" MSWT	11"	B	100	100	6.91 EA
643-C311	¾" CPVC × ¾" MSWT	11"	B	50	50	13.19 EA
643-C418	1" CPVC × 1" MSWT	18"	B	25	25	29.01 EA
643-C518	1¼" CPVC × 1¼" MSWT	18"	B	10	10	40.62 EA
643-C620	1½" CPVC × 1½" MSWT	20"	B	1	10	45.89 EA
643-C722	2" CPVC × 2" MSWT	22"	B	1	10	96.01 EA

NO LEAD PRESS-FITTING COMPATIBLE

FBC SYSTEM COMPATIBLE

Metal Head™
Adapter
Press-Fitting × CPVC

- Mechanical connection only
- A compact press-fitting connection to transition from copper to CPVC
- Perfect for water service connections
- All fittings are production tested to ensure maximum quality and a leak-free connection



685-C4

CAUTION
Applying heat or cutting this fitting voids warranty. Mechanical connection only.

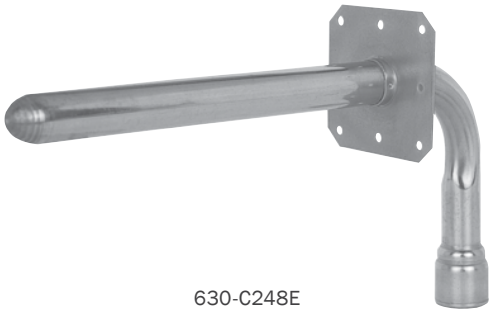
Item No	Description	Length	Pkg	Min Qty	Case Qty	List Price
685-C2	½" CPVC × ½" press-fitting	3⅝"	B	20	20	5.55 EA
685-C3	¾" CPVC × ¾" press-fitting	3 11/16"	B	20	20	7.30 EA
685-C4	1" CPVC × 1" press-fitting	3⅝"	B	20	20	10.55 EA
685-C5	1¼" CPVC × 1¼" press-fitting	5⅛"	B	10	10	18.05 EA
685-C6	1½" CPVC × 1½" press-fitting	5½"	B	5	5	25.80 EA
685-C7	2" CPVC × 2" press-fitting	5½"	B	5	5	35.35 EA

NO LEAD PRESS-FITTING COMPATIBLE

FBC SYSTEM COMPATIBLE



630-C248



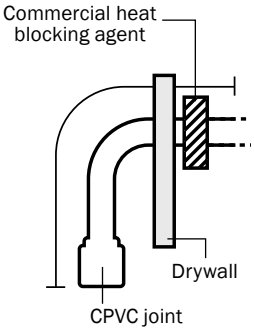
630-C248E

Metal Head™ Stub Out Elbow

Standard

Square O Strap

- Accepts sweat, push-fitting and compression stop valves
- Combines the easy installation of CPVC with the strength and versatility of copper
- Type L copper
- Square O Strap is crimped onto tube
- 1¼" radius bend for decreased turbulent flow and noise



Use Caution When Soldering

Keep the following minimum distances between CPVC joints and solder joints:

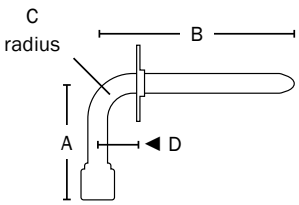
Tube Size	No Heat Blocker	With Heat Blocker
½" CTS	10"	6"
¾" CTS	10"	6"
1" CTS	18"	15"



Stub out elbows combine elbow and cap in one quick, easy stub out fitting.



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.



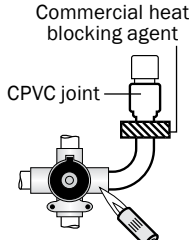
Item No	Connection	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
		STANDARD							
630-C248	½" CPVC socket	3½"	8"	1¼"	—	B	50	50	6.25 EA
630-C248PK	½" CPVC socket	3½"	8"	1¼"	—	C*	10	10	6.75 EA
630-C2412	½" CPVC socket	3½"	12	1¼"	—	B	50	50	9.28 EA
630-C287	½" CPVC socket	8"	7"	1¼"	—	B	50	50	9.28 EA
630-C348	¾" CPVC socket	6"	8"	1¾"	—	B	50	50	13.43 EA
630-C3612	¾" CPVC socket	6"	12"	1¾"	—	B	25	25	20.88 EA
630-C41110	1" CPVC socket	11"	10"	2"	—	B	25	25	32.35 EA
		WITH SQUARE O STRAP							
630-C248E	½" CPVC socket	3½"	8"	1¼"	1¾"	B	25	25	7.00 EA
630-C41110E	1" CPVC socket	11"	10"	2"	2¼"	B	10	10	33.35 EA

NO LEAD

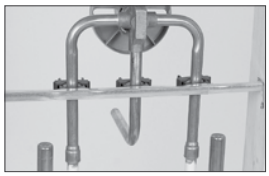
FBC SYSTEM COMPATIBLE

Metal Head™ Tub/Shower Pressure Connector

- One-piece, Type L copper
- MIP and FIP swivel connections mean no more torch at the tub/shower valve
- 1¼" radius bend for decreased turbulent flow and noise
- Elongated tailpiece allows for rigid bracket attachment



Use Caution When Soldering
Whenever possible, solder with CPVC socket facing downward. If CPVC joint is above solder joint, plug temporarily with nipple and cap to prevent chimney effect. Always apply torch to valve, not to the fitting. Use a commercial heat blocking agent between solder joint and CPVC joint.





632-C263



632-C263X

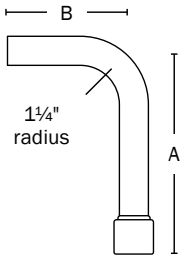


DO NOT use pipe dope on FIP threads

632-C263Y

Item No	Connection	Dimensions A	Dimensions B	NO LEAD	Pkg	Min Qty	Case Qty	List Price
632-C263	½" CPVC socket × ½" male sweat elbow	6"	2¼"	✓	B	50	50	4.69 EA
632-C263PK	½" CPVC socket × ½" male sweat elbow	6"	2¼"	✓	C*	10	10	5.19 EA
632-C283	½" CPVC socket × ½" male sweat elbow	8"	2¼"	✓	B	50	50	5.45 EA
632-C283PK	½" CPVC socket × ½" male sweat elbow	8"	2¼"	✓	C*	10	10	5.95 EA
632-C2123	½" CPVC socket × ½" male sweat elbow	12"	2¼"	✓	B	50	50	8.74 EA
632-C263X	½" CPVC socket × ½" MIP swivel elbow	6"	3"		B	50	50	9.69 EA
632-C263XPK	½" CPVC socket × ½" MIP swivel elbow	6"	3"		C*	10	10	10.19 EA
632-C263Y	½" CPVC socket × ½" FIP swivel elbow	6"	3"	✓	B	50	50	9.19 EA
632-C263YPK	½" CPVC socket × ½" FIP swivel elbow	6"	3"	✓	C*	10	10	9.69 EA

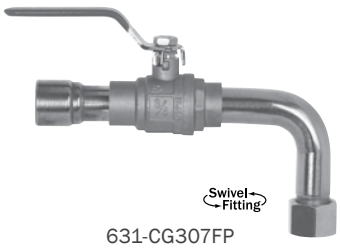
FBC SYSTEM COMPATIBLE



Water Heater Connector

FIP Elbow

- Full flow fitting
- Brass FIP swivel nut with gasket is a dielectric fitting
- Fitting with 600 WOG full port ball valve available



631-CG307FP

DO NOT use pipe dope on FIP threads



631-C307

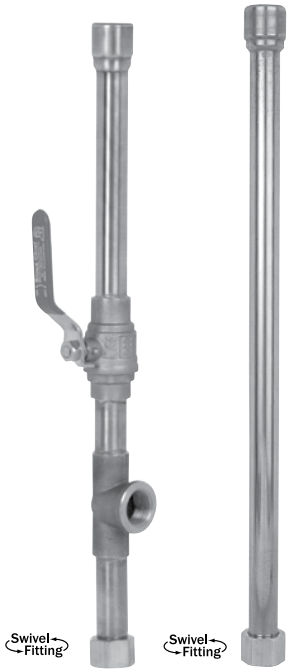
Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
631-C307	¾" FIP swivel × ¾" CPVC socket	3" × 7"		✓	B	25	25	17.13 EA
NEW 631-C307FRV	¾" FIP swivel × ¾" CPVC socket with relief valve	3" × 7"	✓		B	10	10	121.83 EA
631-CG307FP	¾" FIP swivel × ¾" CPVC socket	3" × 7"	✓	✓	B	10	10	46.84 EA

FBC SYSTEM COMPATIBLE

Metal Head™ Water Heater Connector

FIP Straight

- Full flow fitting
- Brass FIP swivel nut with gasket is a dielectric fitting
- Fitting with 600 WOG full port ball valve available
- ¾" FIP branch for two gallon expansion tank



633-CG18FPT 633-C18

DO NOT use pipe dope on FIP swivel threads. Must use pipe dope on the FIP threads on the tee.

Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
633-C02	¾" FIP swivel × ¾" CPVC socket	3"		✓	B	50	50	10.94 EA
633-C02PK	¾" FIP swivel × ¾" CPVC socket	3"		✓	C*	10	10	11.44 EA
633-C09	¾" FIP swivel × ¾" CPVC socket	9"		✓	B	25	25	14.31 EA
633-C18	¾" FIP swivel × ¾" CPVC socket	18"		✓	B	25	25	20.34 EA
633-C18PK	¾" FIP swivel × ¾" CPVC socket	18"		✓	C*	10	10	20.84 EA
633-C24	¾" FIP swivel × ¾" CPVC socket	24"		✓	B	25	25	26.41 EA
633-C418	1" FIP swivel × ¾" CPVC socket	18"		✓	B	25	25	29.13 EA
633-C424	1" FIP swivel × ¾" CPVC socket	24"		✓	B	25	25	35.74 EA
633-CG09FP	¾" FIP swivel × ¾" CPVC socket	9"	✓	✓	B	10	10	49.62 EA
633-CG18FP	¾" FIP swivel × ¾" CPVC socket	18"	✓	✓	B	10	10	53.89 EA
633-C18FPPK	¾" FIP swivel × ¾" CPVC socket	18"	✓	✓	C*	10	10	40.65 EA
633-CG24FP	¾" FIP swivel × ¾" CPVC socket	24"	✓	✓	B	10	10	48.92 EA
633-CG418FP	1" FIP swivel × ¾" CPVC socket	18"	✓	✓	B	10	10	51.16 EA
633-C424FP	1" FIP swivel × ¾" CPVC socket	24"	✓		B	25	25	52.04 EA
633-C06FP	¾" FIP swivel × ¾" CPVC socket	6"	✓		B	10	10	33.18 EA
633-C18M3	¾" FIP swivel × ¾" CPVC socket, with ¾" MIP branch	18"			B	25	25	34.73 EA
633-C18FPM3	¾" FIP swivel × ¾" CPVC socket, with ¾" MIP branch	18"	✓		B	15	15	56.22 EA
633-CG18FPT	¾" FIP swivel × ¾" CPVC socket, with ¾" FIP branch	18"	✓	✓	B	10	10	73.92 EA
633-C18FRV	¾" FIP swivel × ¾" CPVC socket, with pressure relief ⅜" O.D. compression	18	✓		B	10	10	118.92 EA
633-C418FRV	1" FIP swivel × ¾" CPVC socket, with pressure relief ⅜" O.D. compression	18	✓		B	10	10	122.91 EA

FBC SYSTEM COMPATIBLE

Metal Head™ Water Heater Connector

FIP Flexible

- FIP swivel nut with gasket is a dielectric fitting
- Fitting with 600 WOG full port ball valve available



634-C118 634-CG118FP

DO NOT use pipe dope on FIP threads

Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD								
634-C118	¾" FIP swivel × ¾" CPVC socket	18"		✓	B	25	25	27.03 EA
634-C118FP	¾" FIP swivel × ¾" CPVC socket	18"	✓		B	25	25	41.72 EA
NO LEAD								
634-CG118FP	¾" FIP swivel × ¾" CPVC socket	18"	✓	✓	B	25	25	43.79 EA

FBC SYSTEM COMPATIBLE

Metal Head™ Water Heater Connector

MIP Straight

- Full flow fitting
- ¾" FIP branch for two gallon expansion tank
- Fitting with 600 WOG full port ball valve available



646-C318 646-C318FP 646-C318FPT

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
646-C3PK	¾" MIP × ¾" CPVC socket	3¼"		C*	10	10	5.87 EA
646-C309	¾" MIP × ¾" CPVC socket	9"		B	25	25	13.63 EA
646-C318	¾" MIP × ¾" CPVC socket	18"		B	25	25	19.03 EA
646-C318PK	¾" MIP × ¾" CPVC socket	18"		C*	10	10	19.53 EA
646-C324	¾" MIP × ¾" CPVC socket	24"		B	25	25	27.98 EA
646-C3418	1" MIP × ¾" CPVC socket	18"		B	25	25	27.20 EA
646-C3424	1" MIP × ¾" CPVC socket	24"		B	25	25	31.15 EA
646-C306FP	¾" MIP × ¾" CPVC socket	6"	✓	B	10	10	33.59 EA
646-C309FP	¾" MIP × ¾" CPVC socket	9"	✓	B	25	25	34.78 EA
646-C318FP	¾" MIP × ¾" CPVC socket	18"	✓	B	25	25	39.69 EA
646-C318FPPK	¾" MIP × ¾" CPVC socket	18"	✓	C*	10	10	40.19 EA
646-C324FP	¾" MIP × ¾" CPVC socket	24"	✓	B	25	25	45.28 EA
646-C3418FP	1" MIP × ¾" CPVC socket	18"	✓	B	25	25	46.92 EA
646-C3424FP	1" MIP × ¾" CPVC socket	24"	✓	B	25	25	50.67 EA
646-C318FPT	¾" MIP × ¾" CPVC socket, with ¾" FIP branch	18"	✓	B	20	20	61.01 EA
646-C324FPT	¾" MIP × ¾" CPVC socket, with ¾" FIP branch	24"	✓	B	20	20	66.37 EA

FBC SYSTEM COMPATIBLE

Metal Head™ Water Heater Pressure Relief Fitting

T&P Relief Adapter

- Perfect for adapting to the T&P Relief valve and running a CPVC line to the floor drain



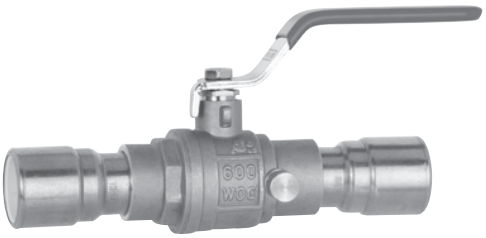
646-C4308

Item No	Description	Length	Pkg	Min Qty	Case Qty	List Price
646-C4308	1" CPVC × ¾" MIP	8"	B	25	25	18.11 EA

FBC SYSTEM COMPATIBLE

Metal Head™
No Lead Brass Ball Valve

- Chrome-plated ball, blowout-proof stem
- Lead-free solder joint



648-CG3FPD

NO LEAD

FBC SYSTEM COMPATIBLE

Fitting ends are IPS

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
	FULL PORT					
648-CG2FP	½" CPVC	4½"	B	10	10	21.16 EA
648-CG3FP	¾" CPVC	6"	B	10	10	31.43 EA
648-CG4FP	1" CPVC	8"	B	10	10	60.55 EA
648-CG5FP	1¼" CPVC	8¼"	B	5	5	93.29 EA
648-CG6FP	1½" CPVC	10"	B	1	1	129.93 EA
648-CG7FP	2" CPVC	11½"	B	1	1	202.67 EA
	FULL PORT WITH DRAIN					
648-CG2FPD	½" CPVC	4½"	B	10	10	25.66 EA
648-CG3FPD	¾" CPVC	6"	B	10	10	36.43 EA
648-CG4FPD	1" CPVC	8"	B	10	10	66.05 EA

Thermoplastic CPVC Ball Valve

- NSF/ANSI 14
- ASTM D2846 socket joint
- Teflon seat
- EPDM o-rings
- Rated 100 PSI at 180°F



106-C22

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
106-C22	½" CPVC	B	10	100	5.90 EA
106-C23	¾" CPVC	B	10	100	8.09 EA
106-C24	1" CPVC	B	10	100	12.57 EA

Metal Head™
Brass Stop & Waste Valve

- Brass valve body with stuffing box, neoprene seals
- Lead-free solder joint



648-C2W

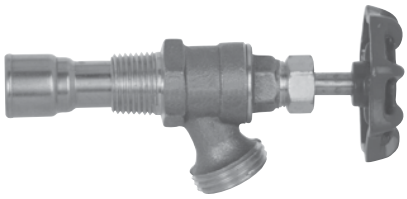
FBC SYSTEM COMPATIBLE

Fitting ends are IPS

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
648-C2W	½" CPVC	4⅜"	B	10	10	17.40 EA
648-C3W	¾" CPVC	6⅛"	B	10	10	20.12 EA

Metal Head™ Brass Boiler Drain

- Male hose thread spout
- With stuffing box
- Lead-free solder joint



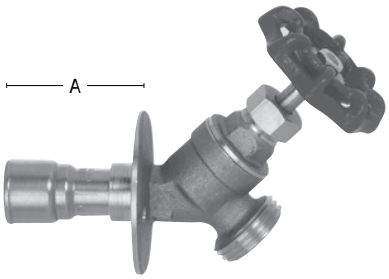
113-C32

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
113-C32	½" CPVC	B	25	25	14.88 EA

Metal Head™ Sillcock

Standard

- New larger 2⅛" diameter mounting flange
- Lead-free solder joint



117-C22

Item No	Connection	Dimension A	Pkg	Min Qty	Case Qty	List Price
117-C22	½" CPVC	1⅝"	B	25	25	15.88 EA
117-C223E	½" CPVC	3 5/16	B	25	25	17.88 EA

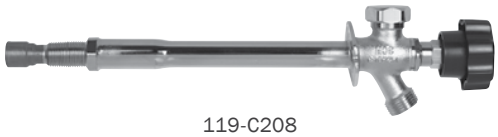
Metal Head™ Frost-Proof Sillcock

Standard

- Longer stem keeps knuckles from scraping on hose threads
- Thicker, easier turning handle
- Nickel-plated brass body with black metal handle

¼-Turn

- Extended tailpiece for ease of installation
- Extra-large mounting flange
- Spout alignment feature
- Nickel-plated brass body
- ANSI/NSF 61 listed



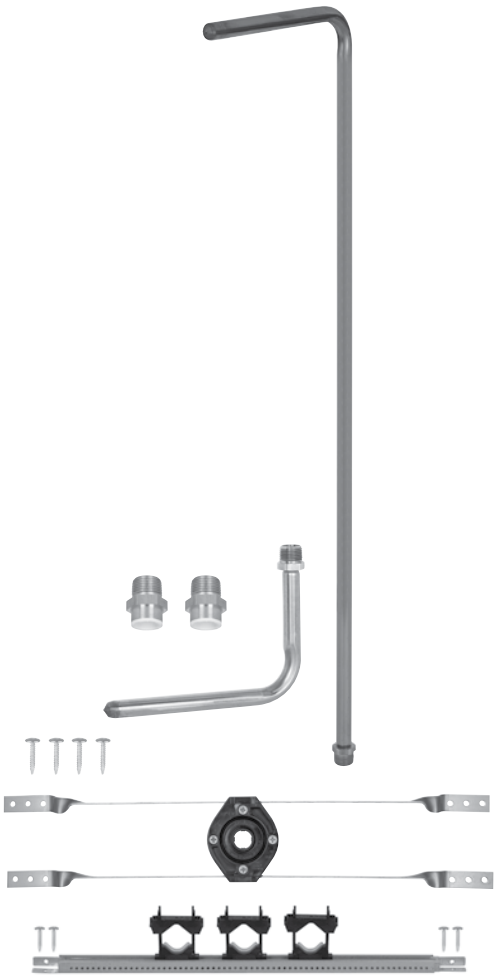
119-C208

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
		STANDARD				
118-C208	½" CPVC	8"	B	5	5	34.63 EA
118-C210	½" CPVC	10"	B	5	5	37.13 EA
		¼-TURN				
119-C208	½" CPVC	8"	B	5	5	47.13 EA
119-C210	½" CPVC	10"	B	5	5	49.63 EA

ShowerUp™ Kits

CPVC Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



693-02016307

Related Products
Build your own kit *p 262*

	Item No	Components	Bulk Item No	NO LEAD	Pkg	Min Qty	Case Qty	List Price
NEW	693-02016307	5" × 7" MIP swivel tub spout elbow ½" CPVC × ½" MIP adapters ½" MIP swivel × spun, 50" × 8" stub out elbow 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	613-57X 646-CG2 608-L2508X 525-24WLB 523-2434		B*	12	12	63.94 KT
	693-06024203	6" × 7" MIP tub spout elbow 6" × 3" CPVC × MIP swivel pressure connectors 50" MIP swivel riser with drop-ear elbow Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67M 632-C263X 616-650X 523-2404 523-2434		B*	12	12	72.95 KT
	693-32434403	6" × 7" FIP swivel tub spout elbow 6" × 3" CPVC × FIP swivel pressure connectors 50" FIP swivel riser with drop-ear elbow Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67Y 632-C263Y 616-650Y 523-2404 523-2434		B*	12	12	73.20 KT
NEW	693-13032303	8" × 7" male sweat tub spout elbow 6" × 2¼" CPVC × MSWT pressure connectors ½" FSWT × ½" FIP drop-ear elbow Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-87 632-C263 616-2E 523-2404 523-2434	✓	B*	12	12	30.64 KT
FBC SYSTEM COMPATIBLE	693-01024102	no tub spout elbow 6" × 3" CPVC × MIP swivel pressure connectors 30" MIP swivel riser with drop-ear elbow Power Bar w/6 screws, Power Bar 2TD clamp, 4 screws	— 632-C263X 616-630X 523-2404 523-2424		B*	12	12	54.83 KT

Stub Out Kits

CPVC Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689C0101

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689C0101	3½" × 8", ½" CPVC socket stub out elbow Strong Arm brackets with one, ½" Lock Block	630-C248 525-1612	B*	12	12	9.42 KT
	FOR 24" STUD BAYS					
689C0111	3½" × 8", ½" CPVC socket stub out elbow Strong Arm brackets with one, ½" Lock Block	630-C248 525-2412	B*	12	12	9.85 KT

Lav/Sink Stub Out Kits

CPVC Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



689C1102

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689C1102	Two 3½" × 8", ½" CPVC socket stub out elbows Strong Arm brackets with two ½" Lock Blocks	630-C248 525-1622	B*	12	12	16.45 KT
	FOR 24" STUD BAYS					
689C1112	Two 3½" × 8", ½" CPVC socket stub out elbows Strong Arm brackets with two ½" Lock Blocks	630-C248 525-2422	B*	12	12	16.88 KT



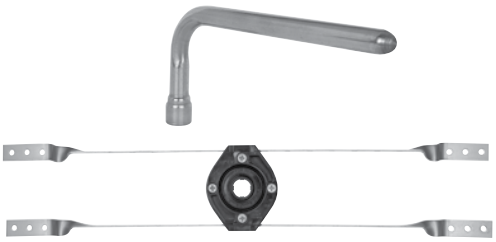
689C3113

Water Heater Stub Out Kits

CPVC Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689C3103	Two 6" × 8", ¾" CPVC socket stub out elbows Strong Arm brackets with two ¾" Lock Blocks	630-C348 525-1623	B*	12	12	31.01 KT
	FOR 24" STUD BAYS					
689C3113	Two 6" × 8", ¾" CPVC socket stub out elbows Strong Arm brackets with two ¾" Lock Blocks	630-C348 525-2423	B*	12	12	31.40 KT



689C0191

Shower Riser Elbow Kits

CPVC Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube

Related Products
Shower WallNut™

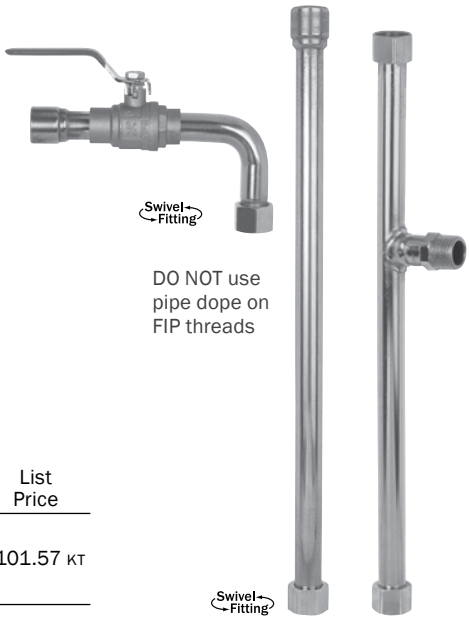


Item No	Description	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
	FOR 16" STUD BAYS					
689C0191	3½" × 8", ½" CPVC stub out elbow Strong Arm brackets with one ½" Shower WallNut Lock Block	630-C248 525-16WLB	B*	12	12	10.27 KT

Water Heater Connector Kits

CPVC Connection

- Under warranty pre-manufactured assemblies
- Maintains the necessary 18" distance from plastic tubing



DO NOT use pipe dope on FIP threads

694CG33012091

Related Products
Build your own kit *p 271*

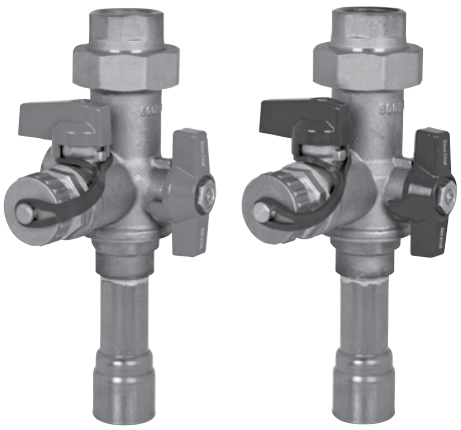
Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
694CG33012091	¾" FIP swivel × ¾" CPVC socket ¾" FIP swivel × ¾" CPVC socket elbow, ball valve ¾" × ¾" FIP swivel with ¾" MIP branch	633-C18 631-CG307FP 633-G3TM15	B*	10	10	101.57 KT
694CG33012093	¾" FIP swivel × ¾" CPVC socket ¾" FIP swivel × ¾" CPVC socket elbow, ball valve ¾" × ¾" FIP swivel with ¾" MIP branch	633-C18 631-CG307FP 633-G3TM11	B*	10	10	99.59 KT
694CG331220	¾" FIP swivel × ¾" CPVC socket ¾" FIP swivel × ¾" CPVC socket, ball valve	633-C18 633-CG18FP	B*	10	10	76.23 KT
694CG33012391	¾" FIP swivel × ¾" CPVC socket ¾" FIP swivel × ¾" CPVC socket elbow, ball valve Two ¾" MIP × ¾" MIP dielectric nipples ¾" × ¾" FIP swivel with ¾" MIP branch	633-C18 631-CG307FP 635-33 633-G3TM15	B*	10	10	110.31 KT
694CG361520	1" FIP swivel × ¾" CPVC socket 1" FIP swivel × ¾" CPVC socket, ball valve	633-C418 633-C418FP	B*	10	10	82.29 KT
694CG36012094	1" FIP swivel × ¾" CPVC socket ¾" FIP swivel × ¾" CPVC socket elbow, ball valve 1" × ¾" FIP swivel with ¾" MIP branch	633-C418 631-CG307FP 633-G4TM11	B*	10	10	104.86 KT

NO LEAD

FBC SYSTEM COMPATIBLE

Tankless Water Heater Kit

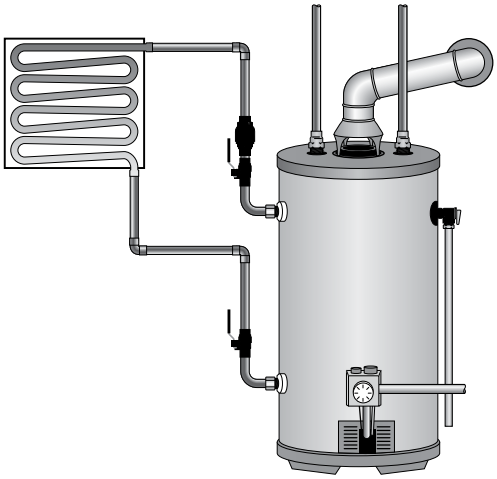
- Forged brass bodies
- 600 WOG full port valve
- Integral ¼-turn drain valve with cap
- ¾" hot connector has integral ¾" FIP port for pressure relief valve
- 1" hot connector has integral ¾" MIP port for pressure relief valve
- Fits most tankless water heaters
- Available with or without pressure-only relief valve
- Pressure-only relief valve rated at 150 PSI at 500,000 BTU/hr



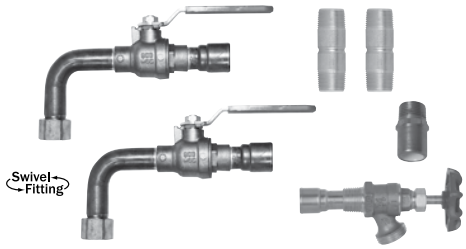
690C0145

Item No	Description	Pkg	Min Qty	Case Qty	List Price
690C0145	¾" hot and cold connectors	B*	1	1	135.28 EA
690C4045	1" hot and cold connectors	B*	1	1	201.07 EA
NEW 690C0175	¾" hot and cold connectors, with relief valve	B*	1	1	149.96 EA

FBC SYSTEM COMPATIBLE



DO NOT use pipe dope on FIP threads



636-C1307F2

Heating Coil Loop Kit

CPVC Supply and Return Loop Connectors

- For use with high recovery hydronic systems
- Preformed supply and return loop connectors provide easy installation

Component	Supply Loop Elbow	Return Loop Elbow	Dielectric Connector	Boiler Drain	MIP Adapter
Standard Kit	¾" FIP swivel × ¾" CPVC, full port ball valve	¾" FIP swivel × ¾" CPVC, full port ball valve	Two ¾" MIP × ¾" MIP, 3" long	½" CPVC boiler drain	½" CPVC × ½" MIP adapter
Check Valve Kit	¾" FIP swivel × ¾" CPVC, full port ball valve, with spring-loaded check valve	¾" FIP swivel × ¾" CPVC, full port ball valve	Two ¾" MIP × ¾" MIP, 3" long	½" CPVC boiler drain	½" CPVC × ½" MIP adapter

Item No	Description	Pkg	Min Qty	Case Qty	List Price
636-C1307F2	Standard heating coil loop kit	B*	10	10	116.42 KT
636-C1310FK2	Check valve heating coil loop kit	B*	10	10	170.63 KT

Ox Box™

» See page 242

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Debris covers included to protect boxes from drywall mud and paint



CONSIDER SIOUX CHIEF AS YOUR
ROUGH PLUMBING ARMORY
TOGETHER, WE WILL TAKE THE FIELD.

» SUPPLY > ACCESS > Ox Box

PVC

ADAPTERS/CONNECTORS

VALVES

Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass Product Availability and PEX Fitting Options

Sioux Chief no longer builds stock or produces leaded brass for F1807, F1960, F2080 or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

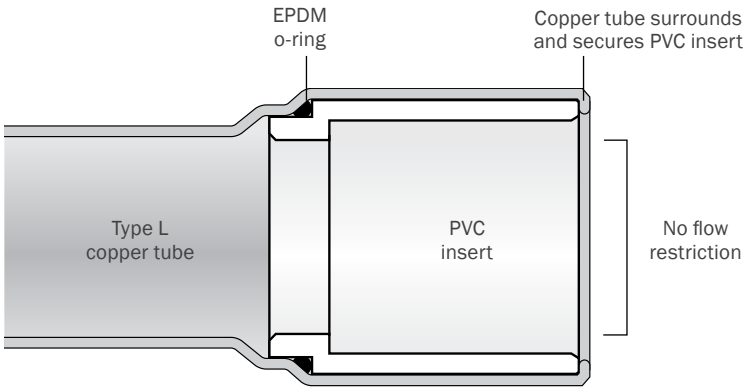
Sioux Chief has made the investment in no lead brass inventory for the majority of our current products. This inventory is currently available in various alloys including no lead compliant and dezincification resistant C69300 material.

F1807 PEX, F1960 PEX and F2080 PEX are offered under the PowerPEX™ brand as fully compliant and listed standard brass (traditional 360 and 377 brass fittings) as well as the above-mentioned no lead and dezincification resistant brass. Sioux Chief's F1807 line of fittings is also offered in copper and remains an economical and perfect solution to no lead and dezincification issues.

All Sioux Chief no lead compliant PEX products, F2159 poly alloy fittings and F1807 copper fittings already meet the above national mandates for Jan. 4, 2014. Sioux Chief's current listed no lead inventory, copper stub outs, copper PEX F1807 fittings and the majority of our preformed copper (PFC) solutions are naturally no lead, are not prone to dezincification and offer natural anti-microbial properties. For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

Sioux Chief PVC Fittings

- All PVC fittings are 100% production tested to assure maximum quality and a leak-free connection.
- Makes PVC to threaded connection faster, easier and more durable than other transition fittings.
- Sioux Chief PVC transition fittings can be used for potable water or irrigation systems.



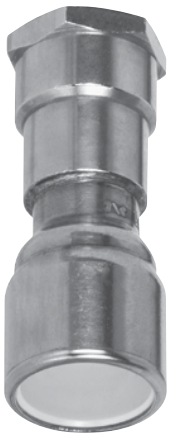
Important Notes About Sioux Chief PVC Fittings

- All Sioux Chief PVC fittings conform to the ASTM F1970 Standard for PVC piping systems and are designed for use with any PVC pipe and fittings conforming to ASTM D 2466 PVC Schedule 40.
- Do not cut, alter or modify any Sioux Chief PVC transition fitting. Doing so voids the manufacturer's warranty.
- Do not expose PVC transition area of fitting to heat in excess of 140°F. Excessive heat will distort and deform the PVC insert and damage the internal o-ring. Never install a damaged fitting.





646-P3



647-P3



645X3P



645A4P



645WG4P



645X54P

Metal Head™

Adapter

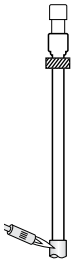
MIP × PVC
FIP × PVC
F1807 × PVC
F2080 × PVC
F1960 × PVC
F2434 Failsafe × PVC

- A perfect fitting to transition from a PVC service line to a threaded adapter for CPVC, copper or PEX piping system
- Great transition fitting for irrigation systems
- Lead-free solder joint

Item No	Description	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	MIP					
646-P3	¾" PVC × ¾" MIP		B	50	50	10.94 EA
646-P4	1" PVC × 1" MIP		B	20	20	16.03 EA
646-PG3	¾" PVC × ¾" MIP	✓	B	50	50	10.60 EA
646-PG4	1" PVC × 1" MIP	✓	B	20	20	16.69 EA
646-P5	1¼" PVC × 1¼" MIP	✓	B	10	10	23.76 EA
646-P6	1½" PVC × 1½" MIP	✓	B	10	10	49.74 EA
646-P7	2" PVC × 2" MIP	✓	B	10	10	67.40 EA
	FIP					
647-P3	¾" PVC × ¾" FIP		B	50	50	11.45 EA
647-P4	1" PVC × 1" FIP		B	20	20	18.22 EA
647-PG3	¾" PVC × ¾" FIP	✓	B	50	50	12.60 EA
647-PG4	1" PVC × 1" FIP	✓	B	20	20	19.37 EA
647-P5	1¼" PVC × 1¼" FIP	✓	B	1	10	43.45 EA
647-P6	1½" PVC × 1½" FIP	✓	B	1	10	58.40 EA
647-P7	2" PVC × 2" FIP	✓	B	1	10	88.43 EA
	F1807					
645X23P	¾" PVC × ½" PEX	✓	B	50	50	9.65 EA
645X3P	¾" PVC × ¾" PEX	✓	B	50	50	9.17 EA
645X43P	¾" PVC × 1" PEX	✓	B	20	20	14.53 EA
645X34P	1" PVC × ¾" PEX	✓	B	20	20	14.44 EA
645X4P	1" PVC × 1" PEX	✓	B	20	20	15.15 EA
	F2080					
645A3P	¾" PVC × ¾" PEX		B	50	50	14.50 EA
645A4P	1" PVC × 1" PEX		B	20	20	22.64 EA
	F1960					
645WG3P	¾" PVC × ¾" PEX	✓	B	50	50	11.39 EA
645WG4P	1" PVC × 1" PEX	✓	B	20	20	21.48 EA
	F2434 FAILSAFE					
645X54P	1¼" PVC × 1" PVC		B	10	10	58.13 EA
645X5P	1¼" PVC × 1¼" PVC		B	10	10	62.29 EA

Metal Head™
Adapter
Male Sweat × PVC

- A perfect fitting to transition from a PVC service line to copper
- Press-fit and push-fit compatible
- All fittings are production tested to ensure maximum quality and a leak-free connection



Use Caution When Soldering

Whenever possible, solder with PVC socket facing downward. Plug must be in PVC socket when soldering to prevent chimney effect, which can damage PVC socket.

Always apply torch to female fitting, not to the adapter.

Perform all solder joints a minimum of:
10" from ¾" PVC socket
18" from 1" and 1¼" PVC sockets
20" from 1½" PVC socket
22" from 2" PVC socket

Use a commercial heat blocking agent between solder joint and PVC joint.



643-P722

CAUTION
Do not cut this fitting. Cutting this fitting voids warranty.
Do not allow PVC portion of fitting to be heated. Do not exceed 140°F. Excessive heat can damage the PVC insert and internal o-ring.

Item No	Description	Length	Pkg	Min Qty	Case Qty	List Price
643-P311	¾" PVC × ¾" MSWT	11"	B	50	50	16.69 EA
643-P418	1" PVC × 1" MSWT	18"	B	25	25	32.51 EA
643-P518	1¼" PVC × 1¼" MSWT	18"	B	1	10	44.12 EA
643-P620	1½" PVC × 1½" MSWT	20"	B	1	10	52.89 EA
643-P722	2" PVC × 2" MSWT	22"	B	1	10	103.01 EA

NO LEAD

PRESS-FITTING COMPATIBLE

Metal Head™
Adapter
Press-Fit Adapter × PVC

- **Mechanical connection only**
- A compact press-fit or Push-Fit connection to transition from copper to PVC
- Perfect for water service connections
- All fittings are production tested to ensure maximum quality and a leak-free connection



685-P4

CAUTION
Applying heat or cutting this fitting voids warranty. Mechanical connection only.

Item No	Description	Length	Pkg	Min Qty	Case Qty	List Price
685-P3	¾" PVC × ¾" press-fit	4⅛"	B	20	20	8.30 EA
685-P4	1" PVC × 1" press-fit	4¼"	B	20	20	11.55 EA
685-P5	1¼" PVC × 1¼" press-fit	5¾"	B	10	10	19.05 EA
685-P6	1½" PVC × 1½" press-fit	6"	B	5	5	26.80 EA
685-P7	2" PVC × 2" press-fit	6"	B	5	5	36.35 EA

NO LEAD

PRESS-FITTING COMPATIBLE



648-P3FP

Metal Head™ Brass Ball Valve

PVC Socket Connection

- Chrome-plated ball, blowout-proof stem
- Lead-free solder joint
- ¼-turn full-port ball valve

Item No	Description	Pkg	Min Qty	Case Qty	List Price
648-P3FP	¾" PVC	B	10	10	32.33 EA
648-P4FP	1" PVC	B	10	10	57.65 EA
648-P5FP	1¼" PVC	B	5	5	86.12 EA
648-P6FP	1½" PVC	B	1	1	117.98 EA
648-P7FP	2" PVC	B	1	1	181.24 EA

CTS Bell Hanger

» See page 464

- 13⁄16" stand-off
- Includes two clamp screws and one 2 ½" mounting screw
- Recessed hole for mounting screw



CONSIDER SIOUX CHIEF AS YOUR ROUGH PLUMBING ARMORY

TOGETHER, WE WILL TAKE THE FIELD.

» SUPPORT > BRACKETS > CTS Bell Hanger

SWEAT

COUPLINGS

ADAPTERS/CONNECTORS

PREFORMED COPPER

VALVES

WATER HEATER CONNECTORS

MANIFOLDS

ADD-A-LINES™

WAL-LET™

ACCESSORIES

WATER SERVICE CONNECTOR

KITS

Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass Product Availability and PEX Fitting Options

Sioux Chief no longer builds stock or produces leaded brass for F1807, F1960, F2080 or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

Sioux Chief has made the investment in no lead brass inventory for the majority of our current products. This inventory is currently available in various alloys including no lead compliant and dezincification resistant C69300 material.

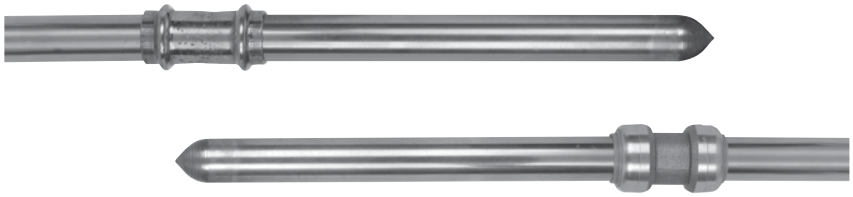
F1807 PEX, F1960 PEX and F2080 PEX are offered under the PowerPEX™ brand as fully compliant and listed standard brass (traditional 360 and 377 brass fittings) as well as the above-mentioned no lead and dezincification resistant brass. Sioux Chief's F1807 line of fittings is also offered in copper and remains an economical and perfect solution to no lead and dezincification issues.

All Sioux Chief no lead compliant PEX products, F2159 poly alloy fittings and F1807 copper fittings already meet the above national mandates for Jan. 4, 2014. Sioux Chief's current listed no lead inventory, copper stub outs, copper PEX F1807 fittings and the majority of our preformed copper (PFC) solutions are naturally no lead, are not prone to dezincification and offer natural anti-microbial properties. For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

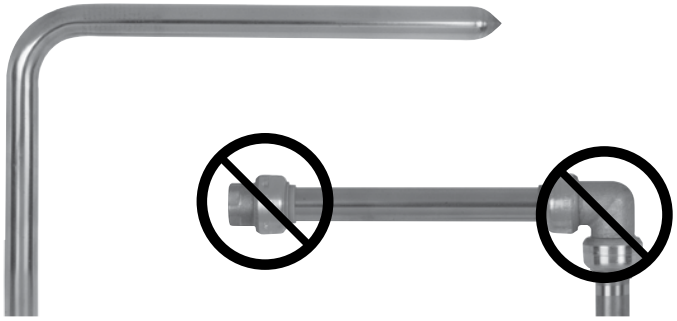
Rough-in Ready™

Preformed Copper Fittings

- All Sioux Chief Rough-in Ready™ preformed copper fittings for sweat are made in the USA from 100% pure copper tube that conforms to these specifications: Tube: ASTM B 88 and Fitting Ends: ANSI B16.22
- Spin closed ends eliminate the need to solder on caps
- Stub out elbows eliminate an elbow and cap
- Square O Strap is crimped onto tube for solid attachment to bracket or stud
- Full-slip fittings are great for repair jobs or new construction



- ½" preformed bends have a 1¼" bend-radius compared to the standard ¾" – 1" radius of other 90° fittings (solder, push fitting or drop-ear) thereby decreasing turbulent flow and the potential for water-stacking.
- Spin closed ends and preformed elbows reduce the number of expensive press-fitting, push-fitting or solder caps used on a job.





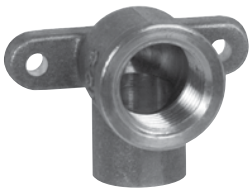
Tub/Shower Elbows

Shower-Lock & Drop-Ear Models

- Drop-ear elbow is heavy-duty forged brass
- Locknut threads on shower-lock model can be trimmed after installation
- Shower-lock model has internal ½" FIP thread for shower arm or tub nipple
- For use on shower risers, tub spouts and non-pressure fitting applications



616-2



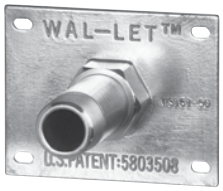
616-2E

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	SHOWER-LOCK				
616-2	½" female sweat × ½" FIP	B	50	50	10.29 EA
616-2PK2	½" female sweat × ½" FIP, 1/bag	C*	10	10	10.54 BG
	DROP-EAR				
616-2E	½" female sweat × ½" FIP	B	50	50	4.77 EA
616-2EPK2	½" female sweat × ½" FIP, 1/bag	C*	20	20	5.02 BG

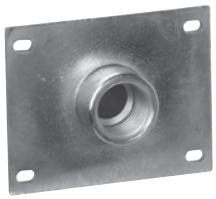
Wal-Let™

Wall Termination Fitting

- Available in both ½" and ¾" connections
- One-piece, forged brass fitting with rigid mounting plate
- Secure loose or fragile wall penetrations and reduce the risk of leaks
- Ideal for back mounted faucets, sillcocks, threaded stops, shower rain heads, body spray systems and pot fillers



615-214



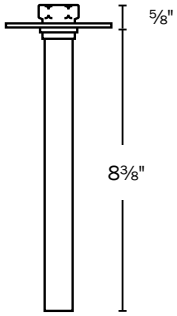
615-213

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
615-214	½" MIP × ½" FSWT	B	10	100	11.50 EA
615-234	½" MIP × ½" FIP	B	10	100	12.00 EA
615-213	½" FIP × ½" FSWT	B	10	100	10.50 EA
615-233	½" FIP × ½" FIP	B	10	100	12.50 EA
615-313	¾" FIP × ¾" FSWT	B	10	100	21.50 EA
615-333	¾" FIP × ¾" FIP	B	10	100	20.50 EA

Termination Fitting

FIP × Male Sweat

- Connects easily to MIP supply stops
- Perfect for stubbing up through the floor for closets or lavs
- Square O Strap is crimped to tube
- Made from Type L copper tube
- Lead-free solder joint





622-L09CF

NO LEAD

PRESS-FITTING COMPATIBLE

Item No	CTS	Connection	Pkg	Min Qty	Case Qty	List Price
622-L09CF	½"	⅜" FIP × ½" MSWT	B	25	25	11.88 EA

Full-Slip Repair Couplings

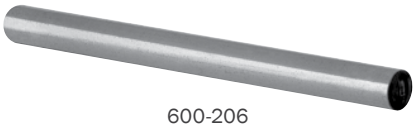
Sweat or Compression Connection

- ½" and ¾" full-slip copper repair couplings
- Perfect for repair of cold and hot water lines
- Sweat and compression models

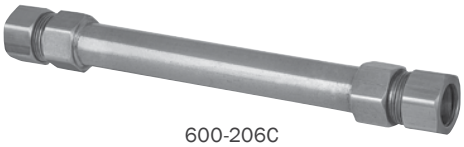








600-206



600-206C

Item No	Slips Over	Length	NO LEAD	Pkg	Min Qty	Case Qty	List Price
SWEAT							
600-203	½" CTS	3"	✓	B	50	500	2.24 EA
600-206	½" CTS	6"	✓	B	25	250	3.40 EA
600-206PK	½" CTS	6"	✓	C*	10	10	3.90 EA
600-212	½" CTS	12"	✓	B	50	50	6.41 EA
600-212PK	½" CTS	12"	✓	C*	10	10	6.91 EA
600-303	¾" CTS	3"	✓	B	25	250	2.98 EA
600-306	¾" CTS	6"	✓	B	50	50	4.82 EA
600-306PK	¾" CTS	6"	✓	C*	10	10	5.32 EA
600-312	¾" CTS	12"	✓	B	50	50	9.50 EA
600-312PK	¾" CTS	12"	✓	C*	10	10	10.00 EA
COMPRESSION							
600-206C	½" CTS	6"		B	25	25	13.40 EA
600-206CPK	½" CTS	6"		C*	10	10	13.90 EA
600-212C	½" CTS	12"		B	25	25	16.41 EA
600-212CPK	½" CTS	12"		C*	10	10	16.91 EA
600-306C	¾" CTS	6"		B	25	25	25.82 EA
600-306CPK	¾" CTS	6"		C*	10	10	26.32 EA
600-312C	¾" CTS	12"		B	25	25	30.50 EA
600-312CPK	¾" CTS	12"		C*	10	10	31.00 EA
LEAD-FREE COMPRESSION							
600-G212CPK	½" CTS	12"	✓	C*	10	10	21.91 EA
600-G312CPK	¾" CTS	12"	✓	C*	10	10	36.00 EA

Plated Stub Out Sleeves

Nickel-Plated Copper

- Slides over ½" or ¾" CTS stub outs
- 12" long — can be cut to custom lengths



600-212N

Item No	Slips Over	Length	Pkg	Min Qty	Case Qty	List Price
600-212N	½" CTS	12"	B	25	25	14.41 EA
600-312N	¾" CTS	12"	B	25	25	17.50 EA



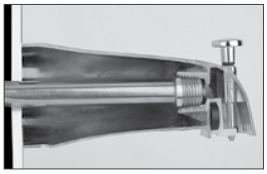
614-2

Full-Slip Male Adapter

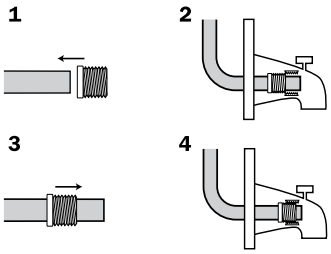
Brass Female Sweat × MIP Thread

- Eliminates tedious measuring
- ¾" and 1" sizes are ideal for closet or urinal stub out adapters
- Replaces male adapters when hex is not necessary

½" size is ideal for use with our tub spout ells.



Tub Spout Application

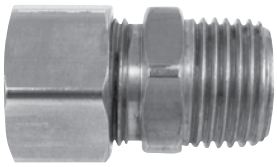


1. Slide slip adapter onto copper tube, threads out.
2. Push adapter to desired location with tub spout.
3. Slide slip adapter ¼" toward open end.
4. Solder adapter in place. Let cool. Install tub spout.

Related Products
Smart Spout



Item No	Connection	Pkg	Min Qty	Case Qty	List Price
614-2	½" female sweat × ½" MIP thread	B	50	500	1.62 EA
614-3	¾" female sweat × ¾" MIP thread	B	50	500	2.33 EA
614-4	1" female sweat × 1" MIP thread	B	25	250	4.87 EA



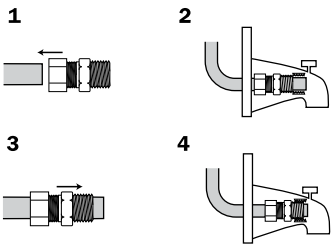
614-22C

Full-Slip Male Adapter

Brass Compression × MIP Thread

- Full-slip fitting slides completely over ½" CTS
- Use wherever ½" MIP threads must be replaced without soldering
- Use on ½" CTS copper tube only

Tub Spout Application



1. Slide onto copper tube, threads out.
2. Push adapter back with tub spout.
3. Slide adapter ¼" toward open end.
4. Tighten comp. nut and install tub spout.

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
614-22C	⅝" compression × ½" MIP	B	25	250	6.42 EA
614-22CPK2	⅝" compression × ½" MIP, 1/bag	C*	20	20	6.67 BG

MIP × MIP Brass Nipple

½" MIP Thread × ½" MIP Thread Nipple



602-22MPK1

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
602-22MPK1	½" MIP × 1½" long	C*	1	25	3.46 EA

NEW Dishwasher Connector

- Made in the USA
- Larger internal diameter for adequate flow
- Assembled
- Nose cone washer provides a positive seal



637-B23H



Related Products
F1807 PEX Dishwasher Connector *p 45*

Item No	Description	Pkg	Min Qty	Case Qty	List Price
637-B23H	⅜" compression thread × ¾" female hose swivel elbow	B	5	50	5.96 EA

Stub Out Elbow

Male Sweat

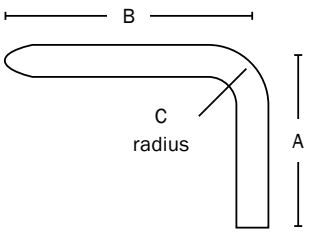
- A stub out, cap and elbow in one full flow fitting – better time saver than straight stub outs
- Full flow – no restrictions
- Accepts sweat, push-fitting and compression valves



608-L246

Item No	Copper Type	CTS	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
608-L246	L	½"	3½"	6"			50	50	4.35 EA
608-L246PK	L	½"	3½"	6"			50	50	4.85 EA
608-L248	L	½"	3¼"	8"			50	50	5.11 EA
608-L248PK	L	½"	3¼"	8"			50	50	5.61 EA
608-L2612	L	½"	6"	12"			50	50	8.39 EA
608-L2812	L	½"	8"	12"			50	50	9.28 EA
608-L2138	L	½"	13"	8"			50	50	9.68 EA
608-L2187	L	½"	18"	7"			50	50	11.86 EA
608-L2277	L	½"	27"	7"			50	50	16.95 EA
608-L2337	L	½"	33"	7"			50	50	19.68 EA
608-L348	L	¾"	4"	8"			50	50	10.09 EA
608-L3612	L	¾"	6"	12"			50	50	16.19 EA
608-L3812	L	¾"	8"	12"			50	50	17.83 EA
608-L4612	L	1"	6"	12"			25	25	24.61 EA
608-L4812	L	1"	8"	12"			25	25	27.21 EA

NO LEAD



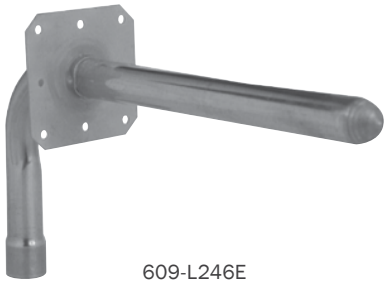
Stub Out Elbow

Female Sweat with Square O Strap

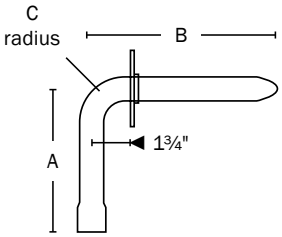
- A stub out, cap and elbow in one full flow fitting — even better time saver than straight stub outs
- Full flow – no restrictions
- Square O Strap is crimped onto tube for solid attachment to bracket or stud
- Accepts sweat, push-fitting and compression valves



609-L246



609-L246E



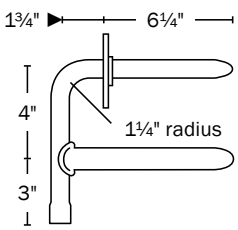
Item No	Copper Type	CTS	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
FEMALE SWEAT									
609-L246	L	½"	3½"	6"			50	50	4.60 EA
609-L248	L	½"	3½"	8"			50	50	5.36 EA
609-L2612	L	½"	6"	12"			50	50	9.53 EA
609-L2812	L	½"	8"	12"			50	50	9.53 EA
609-L2138	L	½"	13"	8"			50	50	9.93 EA
609-L3248	L	½" tube ¾" FSWT	4"	8"			50	50	5.81 EA
609-L348	L	¾"	4"	8"			50	50	10.34 EA
609-L3612	L	¾"	6"	12"			50	50	16.44 EA
609-L3812	L	¾"	8"	12"			50	50	18.08 EA
609-L4612	L	1"	6"	12"			25	25	24.86 EA
609-L4812	L	1"	8"	12"			25	25	27.71 EA
FEMALE SWEAT WITH SQUARE O STRAP									
609-L246E	L	½"	3½"	6"			25	25	5.35 EA
NEW 609-L246EPK	L	½"	3½"	6"			25	25	5.85 EA
609-L248E	L	½"	3½"	8"			25	25	6.11 EA
NO LEAD NEW 609-L248EPK	L	½"	3½"	8"			25	25	6.61 EA
NEW 609-L248PK	L	½"	3½"	8"			50	50	5.86 EA

Double Stub Out Elbow

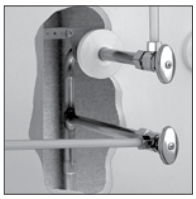
- Brazed stub out joint will not fracture
- Square O Strap is crimped to tube



608-D288E



Perfect for running sink and dishwasher supplies (hot side) or sink and ice maker supplies (cold side) off the same branch line.



Item No	Copper Type	CTS	Pkg	Min Qty	Case Qty	List Price
MALE SWEAT						
NO LEAD 608-D288E	L	½"	B	25	25	17.00 EA
FEMALE SWEAT						
609-D288E	L	½"	B	25	25	17.72 EA

Tub Spout Elbow

Male Sweat with Square O Strap with Wall Block Plate

- Connect tub valve to spout nipple in one easy step
- 1¼" radius fits all valve rough-ins
- Square O strap and Wall Block are crimped to tube

MIP Swivel

- No soldering with easy swivel thread installation
- 1¼" radius fits all valve rough-ins

Fixed MIP with Wall Block Plate

- No soldering with male thread connection
- 1¼" radius fits all valve rough-ins

FIP Swivel

- No soldering with easy swivel thread installation
- 1¼" radius fits all valve rough-ins
- Do NOT use pipe dope or teflon tape on FIP threads



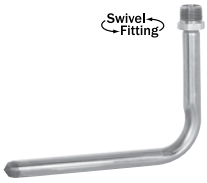
613-57



613-57E



612-57



613-57X



613-57M



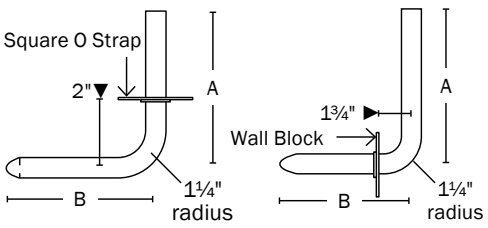
612-557

DO NOT use pipe dope on FIP threads



613-57Y

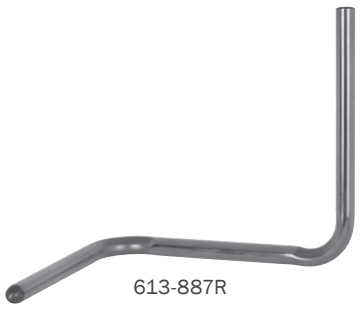
Item No	Copper Type	CTS	Dimensions A	Dimensions B	NO LEAD	Pkg	Min Qty	Case Qty	List Price
MALE SWEAT									
613-57	L	½"	5"	7"	✓		50	50	5.45 EA
613-57PK	L	½"	5"	7"	✓		20	20	5.95 EA
613-67	L	½"	6"	7"	✓		50	50	5.86 EA
613-87	L	½"	8"	7"	✓		50	50	6.49 EA
613-107	L	½"	10"	7"	✓		50	50	7.78 EA
613-137	L	½"	13"	7"	✓		50	50	9.36 EA
613-139	L	½"	13"	9"	✓		50	50	10.47 EA
MALE SWEAT WITH SQUARE O STRAP									
613-57E	L	½"	5"	7"	✓		25	25	6.20 EA
613-87E	L	½"	8"	7"	✓		25	25	7.24 EA
MALE SWEAT WITH WALL BLOCK									
612-57	L	½"	5"	7"	✓		25	25	6.45 EA
612-87	L	½"	8"	7"	✓		25	25	7.49 EA
612-108	L	½"	10"	8"	✓		25	25	9.59 EA
MIP SWIVEL									
613-57X	L	½"	5"	7"			50	50	10.45 EA
613-67X	L	½"	6"	7"			50	50	10.86 EA
613-87X	L	½"	8"	7"			50	50	11.49 EA
MIP									
613-57M	L	½"	5½"	7"			50	50	8.20 EA
613-67M	L	½"	6½"	7"			50	50	8.61 EA
613-87M	L	½"	8½"	7"			50	50	9.24 EA
MIP WITH WALL BLOCK									
612-557	L	½"	5½"	7"			25	25	9.45 EA
FIP SWIVEL									
613-57Y	L	½"	5"	7"	✓		50	50	9.95 EA
613-67Y	L	½"	6"	7"	✓		50	50	10.36 EA
613-87Y	L	½"	8"	7"	✓		50	50	10.99 EA
FIP									
NEW 613-67F	L	½"	6"	7"			50	50	8.86 EA

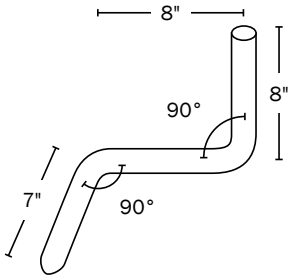


Offset Tub Spout Elbow

Male Sweat

- Use right offset model for right-handed tub/ shower installation (valve to right of spout)
- Great for ADA applications







Related Products
Offset Riser Fitting *p 191*

NO LEAD

Item No	Copper Type	CTS	Offset Direction	Pkg	Min Qty	Case Qty	List Price
613-887L	L	½"	left	B	25	25	11.90 EA
613-887R	L	½"	right	B	25	25	11.90 EA

Pick Up Talon™

See page 421

- The most affordable solution to keeping tube off the mounting surface
- Installation is fast and easy; snaps onto tube with preloaded nails or screws
- Install in alternating directions to secure piping
- All models with screws feature self-drilling tips
- Compatible with copper, PEX and CPVC



CONSIDER SIOUX CHIEF AS YOUR
ROUGH PLUMBING ARMORY
TOGETHER, WE WILL TAKE THE FIELD.

SUPPORT > SUPPLY HANGERS > Pick Up Talon

Bullet™

Stub Out & Air Chamber

- Reduce job site and shop costs such as measuring, cutting, cleaning, fluxing, assembling and soldering
- Turn your variable job site costs into fixed job costs
- 1¼" – 2" CTS Bullets available for quote
- Accepts sweat, push-fitting and compression valves

Polished Nickel-Plated

- Eliminates the need for sleeving or tinning
- Solders with standard flux and solder

Bracketed Stub Out

- Perfect for stubbing up through the floor for closets or lavs
- Square O Strap is crimped to tube 12" from each end



622-L08





622-L08N

622-L24E

Item No	Copper Type	CTS	Length	Pkg	Min Qty	Case Qty	List Price
			STANDARD				
622-M06	M	½"	6"	B	100	100	2.09 EA
622-M06PK	M	½"	6"	C*	20	20	2.59 EA
622-M08	M	½"	8"	B	100	100	2.73 EA
622-M08PK2	M	½"	8"	C*	10	10	2.98 EA
622-M10	M	½"	10"	B	100	100	3.38 EA
622-M12	M	½"	12"	B	100	100	4.00 EA
622-M12PK2	M	½"	12"	C*	10	10	4.25 EA
622-M15	M	½"	15"	B	100	100	5.22 EA
622-M18	M	½"	18"	B	100	100	6.09 EA
622-M24	M	½"	24"	B	50	50	8.72 EA
622-L06	L	½"	6"	B	100	100	2.70 EA
622-L06PK	L	½"	6"	C*	100	100	3.20 EA
622-L08	L	½"	8"	B	100	100	3.47 EA
622-L08PK	L	½"	8"	C*	100	100	3.97 EA
622-L10	L	½"	10"	B	100	100	4.38 EA
622-L12	L	½"	12"	B	100	100	5.20 EA
622-L15	L	½"	15"	B	100	100	6.42 EA
622-L18	L	½"	18"	B	100	100	7.59 EA
622-L24	L	½"	24"	B	50	50	10.72 EA
623-L06	L	¾"	6"	B	50	50	5.54 EA
623-L08	L	¾"	8"	B	50	50	7.11 EA
623-L12	L	¾"	12"	B	50	50	10.66 EA
623-L15	L	¾"	15"	B	50	50	13.16 EA
623-L18	L	¾"	18"	B	50	50	15.56 EA
623-L24	L	¾"	24"	B	50	50	21.98 EA
624-L08	L	1"	8"	B	30	30	11.11 EA
624-L12	L	1"	12"	B	30	30	14.66 EA
624-L15	L	1"	15"	B	30	30	18.16 EA
624-L18	L	1"	18"	B	30	30	20.56 EA
624-L24	L	1"	24"	B	30	30	28.48 EA
			NICKEL-PLATED				
622-L08N	L	½"	8"	B	25	25	11.47 EA
			BRACKETED				
622-L24E	L	½"	24"	B	20	20	11.47 EA





Bullets™ save time and reduce on-the-job costs. Perfect for any stub out or air chamber application.



Leakproof
Spin closed ends have **five** times the wall thickness of the copper tube. Each fitting is factory inspected.

NO LEAD

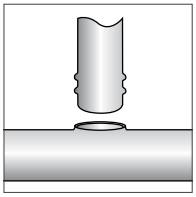


624-L12D

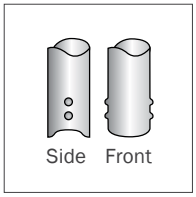
Bullet™

Dimple & Notch Stub Out

- Use with T-Drill® extrusion-type tees
- Double dimples meet code requirements
- Guaranteed leakproof spin closure



Be sure dimples on Bullet™ connection are in line with trunk line.



Item No	Copper Type	CTS	Length	Pkg	Min Qty	Case Qty	List Price
624-L12D	L	1"	12"	B	30	30	16.16 EA
624-L18D	L	1"	18"	B	30	30	22.06 EA
624-L24D	L	1"	24"	B	30	30	29.98 EA

NO LEAD

T-Drill® is a registered trademark of T-Drill Industries Inc.

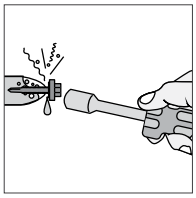


622-L08W

Bullet™

Wet Test Stub Out

- Perfect for double-checking crossed hot and cold water lines
- Excellent way to flush lines before testing



5/16" galvanized steel hex head screw with built in gasket allows for bleedable waterline tests.

Item No	Copper Type	CTS	Length	Pkg	Min Qty	Case Qty	List Price
622-L08W	L	½"	8"	B	100	100	6.94 EA

NO LEAD

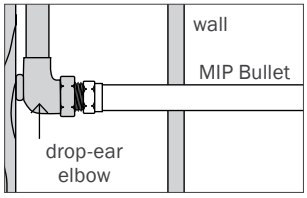


614-6M

Bullet™

½" MIP Stub Out

- Use permanently or for temporary tub/ shower valve stub out test
- Lead-free solder joint



Perfect for tub spout nipples.

Item No	CTS	Length	Pkg	Min Qty	Case Qty	List Price
614-6M	½"	6½"	B	50	50	4.84 EA
614-8L	½"	8½"	B	50	50	6.22 EA
614-6MPK	½"	6½"	C*	50	50	5.34 EA

Bullet™

Reducing Air Chamber

- Extra-large volume air chamber is spin reduced for ½" male sweat connection



629-12

Item No	Copper Type	CTS	Length	Pkg	Min Qty	Case Qty	List Price
STANDARD							
629-M	M	¾"	13½"	B	50	50	12.27 EA
629-06	M	1"	6"	B	100	100	6.12 EA
629-12	M	1"	12"	B	50	50	10.71 EA
629-L15	L	¾"	15"	B	50	50	13.77 EA
OLD WISCONSIN CODE PATTERN							
629-WCL	L	1"	14"	B	50	50	17.07 EA
629-WCMPK	M	1"	14"	C*	50	50	13.07 EA

NO LEAD

Stub Air™

Air Chamber Tee Fitting

- Turns variable job-to-job costs like measuring, cutting, cleaning, fluxing and soldering of up to four joints into fixed costs
- Sturdy, fracture-resistant brazed saddle joint will not be damaged during field soldering
- Optional branch length, branch end and trunk size for many different job site applications
- Guaranteed leakproof spin closures and brazed joints



682-M5113



682-M5140



Test-ready stub outs and air chambers, with only ONE solder joint needed.



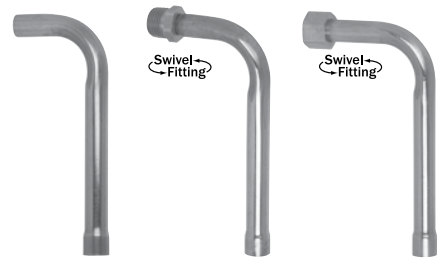
Models with open branches work great for tub valve connections.

Item No	Copper Type	Branch		Air Chamber		Pkg	Min Qty	Case Qty	List Price
		CTS	Length	CTS	Length				
OPEN BRANCH									
682-L5113	L	½"	1½"	½"	12"	B	25	25	13.25 EA
682-M5113	M	½"	1½"	½"	12"	B	25	25	14.35 EA
SPIN CLOSED									
682-L5140	L	½"	8"	½"	12"	B	25	25	16.42 EA
682-M5140	M	½"	8"	½"	12"	B	25	25	17.52 EA

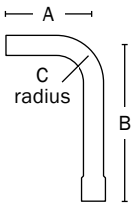
NO LEAD

Tub/Shower Pressure Connector

- Long radius bend for better flow and less noise
- MIP and FIP connections mean no soldering
- Easy swivel thread installation
- Made from Type L copper tube



609-L263A 609-L263X 609-L263Y



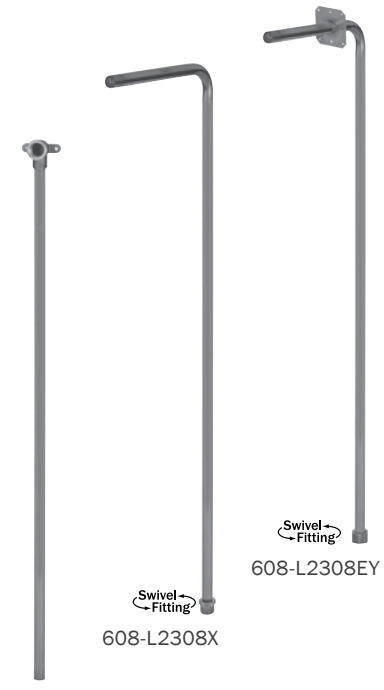
DO NOT use pipe dope on FIP threads

Item No	Connection	Dimensions A	B	C	NO LEAD	Pkg	Min Qty	Case Qty	List Price
609-L263A	½" male sweat × ½" female sweat	2¼"	6"	1¼"	✓	B	50	50	4.64 EA
609-L27	½" male sweat × ½" female sweat	1½"	7"	1"	✓	B	50	50	7.52 EA
609-L263X	½" MIP swivel × ½" female sweat	3"	6"	1¼"		B	50	50	10.64 EA
609-L263Y	½" FIP swivel × ½" female sweat	3"	6"	1¼"	✓	B	50	50	10.14 EA
608-L263A	½" male sweat × ½" male sweat	2¼"	6"	1¼"	✓	B	50	50	4.39 EA

Shower Riser Fitting

Male Sweat Connection
MIP Swivel Connection
FIP Swivel Connection

- Sweat into standard tub/shower valves
- MIP and FIP swivel means no soldering
- Made from Type L copper tube (except 616-648, Type M)
- Square O strap is crimped onto tube

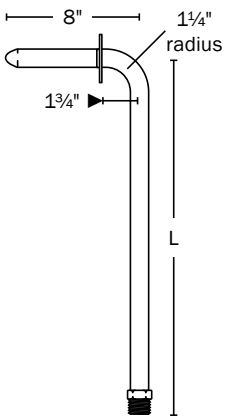


608-L2308EY

608-L2308X

616-630

DO NOT use pipe dope on FIP threads



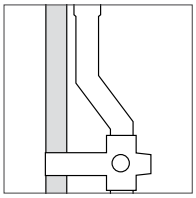
Related Products

Strong Arm with Shower WallNut™ Lock Block	*p 453*
ShowerUp™ Kits	*p 202*

Item No	Connection	Square O Strap	Length	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	MALE SWEAT							
616-630	½" male sweat × drop-ear		30"	✓	B	50	50	20.45 EA
616-648	½" male sweat × drop-ear		48"	✓	B	12	12	24.40 EA
616-650	½" male sweat × drop-ear		50"	✓	B	25	25	29.96 EA
608-L2308	½" male sweat × stub out elbow		30"	✓	B	25	25	19.17 EA
608-L2488	½" male sweat × stub out elbow		48"	✓	B	25	25	26.47 EA
608-L2508	½" male sweat × stub out elbow		50"	✓	B	25	25	27.90 EA
608-L2308E	½" male sweat × stub out elbow	✓	30"	✓	B	25	25	19.92 EA
608-L2488E	½" male sweat × stub out elbow	✓	48"	✓	B	25	25	27.22 EA
608-L2508E	½" male sweat × stub out elbow	✓	50"	✓	B	25	25	28.65 EA
	MIP SWIVEL							
616-630X	½" MIP swivel × drop-ear		30"		B	50	50	25.45 EA
616-650X	½" MIP swivel × drop-ear		50"		B	25	25	34.96 EA
608-L2308X	½" MIP swivel × stub out elbow		30"		B	25	25	25.17 EA
608-L2508X	½" MIP swivel × stub out elbow		50"		B	25	25	33.90 EA
608-L2308EX	½" MIP swivel × stub out elbow	✓	30"		B	25	25	25.92 EA
608-L2508EX	½" MIP swivel × stub out elbow	✓	50"		B	25	25	34.65 EA
	FIP SWIVEL							
616-630Y	½" FIP swivel × drop-ear		30"	✓	B	50	50	24.95 EA
616-650Y	½" FIP swivel × drop-ear		50"	✓	B	25	25	34.46 EA
608-L2308Y	½" FIP swivel × stub out elbow		30"	✓	B	25	25	24.67 EA
608-L2508Y	½" FIP swivel × stub out elbow		50"	✓	B	25	25	33.40 EA
608-L2308EY	½" FIP swivel × stub out elbow	✓	30"	✓	B	25	25	25.42 EA
608-L2508EY	½" FIP swivel × stub out elbow	✓	50"	✓	B	25	25	34.15 EA

Offset Riser Fitting

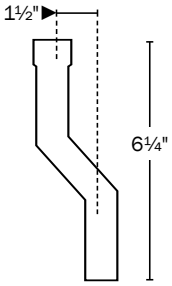
- Saves three solder joints
- Made from Type L copper tube



Connect a pressure balancing valve, which requires an offset, to the shower riser in one simple fitting.



616-15



Item No	Connection	Pkg	Min Qty	Case Qty	List Price
616-15	½" male sweat × ½" female sweat	B	25	25	4.21 EA

NO LEAD

Brass Ball Valve

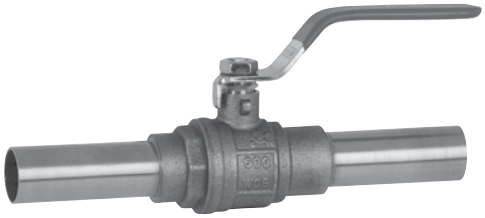
Female Sweat Connection

- Full port ball valve
- Chrome-plated ball, blowout-proof stem
- ANSI/NSF 61
- C-377 forged brass



105-23

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
	FULL PORT				
104-22	½" FSWT	B	10	120	11.02 EA
104-23	¾" FSWT	B	10	90	16.40 EA
104-24	1" FSWT	B	6	60	29.74 EA
	FULL PORT WITH DRAIN				
105-22	½" FSWT	B	10	120	20.22 EA
105-23	¾" FSWT	B	10	60	25.27 EA
105-24	1" FSWT	B	6	36	34.65 EA



648-83

Brass Ball Valve

Press-Fitting Connection

- Chrome-plated ball, blowout-proof stem
- Lead-free solder joint
- ANSI/NSF 61
- C-377 forged brass

Related Products
Fit Quick coupling *p 212*



Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
648-82	½" press-fitting	6⅛"	B	10	10	17.52 EA
648-83	¾" press-fitting	7¼"	B	10	10	24.61 EA
648-84	1" press-fitting	8½"	B	10	10	44.28 EA



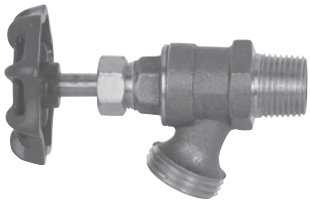
111-23

Brass Stop & Waste Valve

Female Sweat Connection

- Brass valve body with stuffing box, neoprene seals
- ANSI/NSF 61

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
111-22	½" FSWT	B	10	100	8.20 EA
111-23	¾" FSWT	B	10	100	9.20 EA



113-33

Brass Boiler Drain

MIP × Female Sweat Connection

- Male hose thread spout
- With stuffing box
- ANSI/NSF 61
- Neoprene seal

Item No	Description	Pkg	Min Qty	Case Qty	List Price
113-32	½" MIPS × ½" FSWT	B	10	10	8.50 EA
113-33	¾" MIPS	B	10	100	9.50 EA

Sillcock

Standard

- Larger 2⅛" diameter mounting flange with easy to use pilot holes



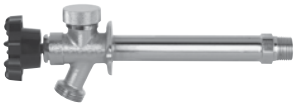
117-22

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD SILLCOCK				
117-22	½" FSWT sillcock	B	10	100	10.88 EA

Frost-Proof† Anti-Siphon Sillcock

Standard Valve

- Longer stem keeps knuckles from scraping on hose threads
- Thicker, easier turning handle
- Nickel-plated brass body with black metal handle
- Spout aligning lug
- Female sweat model has 6" of full-slip and compression connection includes 3" of full-slip



118-210

¼-Turn

- Extended tailpiece for ease of installation
- Extra-large mounting flange
- Spout alignment feature
- Nickel-plated brass body
- ANSI/NSF 61 listed



118-210PK



119-210CPK

Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
	STANDARD					
118-204	½" MIP × ½" FSWT	4"	B	2	40	27.63 EA
118-206	½" MIP × ½" FSWT	6"	B	2	40	28.88 EA
118-208	½" MIP × ½" FSWT	8"	B	2	40	30.13 EA
118-210	½" MIP × ½" FSWT	10"	B	2	40	32.63 EA
118-210PK	½" FSWT, full-slip	10"	C*	5	5	72.63 EA
118-212	½" MIP × ½" FSWT	12"	B	2	40	37.63 EA
	¼-TURN					
119-204	½" MIP × ½" FSWT	4"	B	1	25	34.63 EA
119-206	½" MIP × ½" FSWT	6"	B	1	25	37.88 EA
119-208	½" MIP × ½" FSWT	8"	B	1	25	39.13 EA
119-210	½" MIP × ½" FSWT	10"	B	1	25	41.63 EA
119-210PK	½" FSWT, full-slip	10"	C*	5	5	49.63 EA
119-212	½" MIP × ½" FSWT	12"	B	1	25	46.63 EA
119-210CPK	⅝" O.D. compression	10"	C*	5	5	50.13 EA

† As with all frost-proof hydrants, removal of hose is required to insure against freezing and breaking.

Frost-Proof Sillcock Replacement Parts

For 118 and 119 Series

- Be sure to measure the stem you are replacing to guarantee correct replacement length


118-01


119-01


119-03

119-0904


119-10


119-07


118-0908


118-07


118-08

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	118 SERIES ONLY				
118-01	Sillcock handle, die cast	B	12	12	2.69 EA
118-02	Handle screw	B	12	12	0.24 EA
118-03	Faceplate and stem packing washers	B	1	1	1.31 EA
118-04	Stem packing	B	12	12	0.40 EA
118-05	Neoprene seat washer	B	12	12	0.15 EA
118-06	Seat washer screw	B	1	1	0.45 EA
118-07	Stem bottom assembly parts: S.S. spring, o-ring, spring seat, flat gasket, retainer cup, stem packing, seat screw	B	1	1	3.36 EA
118-08	Vacuum breaker repair kit: cap, plunger, o-ring	B	1	1	3.30 EA
118-0904	4" complete stem assembly: includes stem bottom assembly	B	1	1	10.45 EA
118-0906	6" complete stem assembly: includes stem bottom assembly	B	1	1	10.45 EA
118-0908	8" complete stem assembly: includes stem bottom assembly	B	1	1	10.95 EA
118-0910	10" complete stem assembly: includes stem bottom assembly	B	1	1	11.70 EA
118-0912	12" complete stem assembly: includes stem bottom assembly	B	1	1	12.20 EA
	119 SERIES ONLY				
119-00	Gray flange	B	1	25	0.75 EA
119-01	Handle assembly and screw	B	1	10	2.28 EA
119-03	Packing nut	B	1	10	2.05 EA
119-04	Packing	B	1	25	0.60 EA
119-07	Cartridge assembly	B	1	100	11.71 EA
119-08	Vacuum breaker kit	B	1	6	0.96 EA
119-08C	Vacuum breaker cap, chrome-plated	B	1	6	2.15 EA
119-10	Jam nut	B	1	6	2.34 EA
119-0904	4" stem, 5½" total length	B	1	10	4.06 EA
119-0906	6" stem, 7½" total length	B	1	10	4.72 EA
119-0908	8" stem, 9½" total length	B	1	10	5.31 EA
119-0910	10" stem, 11½" total length	B	1	10	5.95 EA
119-0912	12" stem, 13½" total length	B	1	10	6.61 EA

Vacuum Breaker

¾" Hose Thread Connection

- Solid machined brass


117-03

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
117-03	¾" female hose thread × ¾" male hose thread	B	20	240	6.42 EA

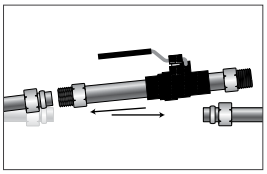
Replace-A-Valve™

Full-Port Ball Valve
Sweat or Compression Connection

- ½" and ¾" full-slip tailpieces for easy installation
- Sweat or compression models
- Full-port ball valves



600-204V



Easy full-slip installation. Perfect for replacing leaking or corroded valves, or valves that have seized up.



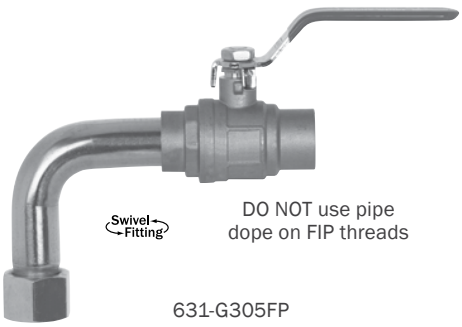
600-204CV

Item No	Connection	Length	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	SWEAT						
600-204V	½" CTS × ½" CTS, clamshell	6¼"		C*	10	10	19.19 EA
600-304V	¾" CTS × ¾" CTS, clamshell	7"		C*	10	10	27.90 EA
	COMPRESSION						
600-204CV	½" CTS × ½" CTS, clamshell	9⅜"		C*	10	10	38.38 EA
600-304CV	¾" CTS × ¾" CTS, clamshell	10½",		C*	10	10	55.80 EA
	LEAD-FREE SWEAT						
600-G204V	½" CTS × ½" CTS, individually boxed	6¼"	✓	C*	10	10	23.19 EA
600-G304V	¾" CTS × ¾" CTS, individually boxed	10½"	✓	C*	10	10	32.90 EA
	LEAD-FREE COMPRESSION						
600-G204CV	½" CTS × ½" CTS, clamshell	9⅜"	✓	C*	10	10	42.38 EA
600-G304CV	¾" CTS × ¾" CTS, clamshell	10½"	✓	C*	10	10	60.80 EA

Water Heater Connector

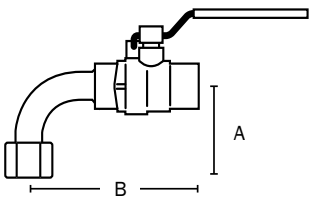
FIP × Female Sweat Elbow

- Brass full-port ball valve available
- Brass FIP swivel nut includes gasket
- For use on shower risers and tub spouts, non-pressure fitting applications



DO NOT use pipe dope on FIP threads

631-G305FP



Item No	Connection	Dimensions A	Dimensions B	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
631-G305FP	¾" FIP swivel × ¾" FSWT	3"	5"	✓	✓	B	25	25	40.57 EA
631-33F	¾" FIP swivel × ¾" FSWT	3"	3"		✓	B	25	25	11.00 EA



633-306FP

DO NOT use pipe dope on FIP threads

Water Heater Connector

FIP × Female Sweat Straight Fitting

- Brass full-port ball valve
- Brass FIP swivel nut includes gasket

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
633-306FP	¾" FIP swivel × ¾" FSWT	5"	✓	B	10	10	27.03 EA



646-306FP

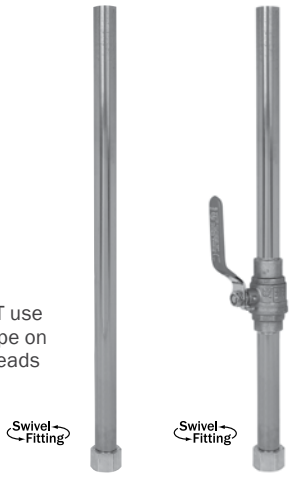
Water Heater Connector

MIP × Female Sweat Straight Fitting

- Brass full-port ball valve

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
646-306FP	¾" MIP × ¾" FSWT	5"	✓	B	10	10	30.39 EA

DO NOT use pipe dope on FIP threads



633-318 633-318FP

Water Heater Connector

FIP × ¾" Male Sweat Straight Fitting

- ¾" male sweat connection for use with press-fit or push-fit connection
- Brass FIP swivel nut includes gasket
- Ideal for new installations and water heater replacement

Related Products
Fit Quick coupling *p 212*



PRESS-FITTING COMPATIBLE

Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
633-318	¾" FIP swivel × ¾" MSWT	18"		✓	B	10	10	17.23 EA
633-318FP	¾" FIP swivel × ¾" MSWT	18"	✓		B	10	10	38.75 EA

Water Heater Connector

FIP × Full-Slip Female Sweat Straight Fitting

- ½" and ¾" full-slip fittings slide over existing tube for quick and easy installation of replacement water heaters
- Brass FIP swivel nut includes gasket
- New ½" full-slip models ideal for repair jobs



633-312 633-G312FP

DO NOT use pipe dope on FIP threads

Item No	Connection	Length	Ball Valve	NO LEAD	Pkg	Min Qty	Case Qty	List Price
633-212	¾" FIP swivel × ½" full-slip FSWT	12"		✓	B	10	10	9.95 EA
633-312	¾" FIP swivel × ¾" full-slip FSWT	12"		✓	B	25	25	14.94 EA
633-4312	1" FIP swivel × ¾" full-slip FSWT	12"		✓	B	25	25	22.34 EA
633-212FP	¾" FIP swivel × ½" full-slip FSWT	12"	✓		B	10	10	24.75 EA
633-G312FP	¾" FIP swivel × ¾" full-slip FSWT	12"	✓	✓	B	10	10	42.82 EA
633-4312FP	1" FIP swivel × ¾" full-slip FSWT	12"	✓		B	25	25	41.14 EA
633-318FPT	¾" FIP swivel × ¾" full-slip FSWT with ¾" FIP branch	18"	✓		B	20	20	48.84 EA

Water Heater Connector

FIP × Full-Slip Compression Straight Fitting

- Full-slip ⅞" compression fitting slides over existing tube for quick and easy installation of replacement water heaters
- Full-port ball valve available
- Compression connection does not require water to be completely drained before new installation
- Brass FIP swivel nut includes gasket



633-312CFP 633-312C

DO NOT use pipe dope on FIP threads

Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
633-312C	¾" FIP swivel × ⅞" compression	12"		B	25	25	29.46 EA
633-312CFP	¾" FIP swivel × ⅞" compression	12"	✓	B	25	25	47.89 EA

NEW Water Heater Connector

Dielectric Union × Full-Slip Straight Fitting

- Full-slip ⅞" compression fitting slides over existing tube for quick and easy installation of replacement water heaters
- Full-port ball valve available



633-716 633-G716FP

NO LEAD

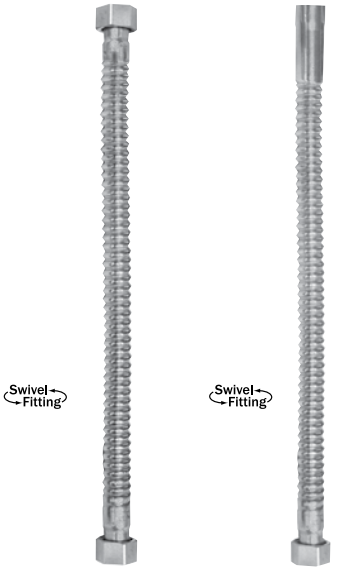
Item No	Connection	Length	Ball Valve	Pkg	Min Qty	Case Qty	List Price
633-716	¾" Dielectric end × ¾" full-slip FSWT	16"		B	10	10	21.71 EA
633-G716FP	¾" Dielectric end × ¾" full-slip FSWT	16"	✓	B	10	10	47.96 EA
633-7416	1" Dielectric end × ¾" full-slip FSWT	16"		B	10	10	26.67 EA
633-G7416FP	1" Dielectric end × ¾" full-slip FSWT	16"	✓	B	10	10	54.05 EA

Water Heater Connector

FIP × FIP Swivel Flexible Fitting

FIP × Female Sweat Flexible Fitting

- Flexible copper fitting provides easy connection
- Brass FIP swivel nut includes gasket



634-115 634-315

DO NOT use pipe dope on FIP threads

Related Products
Fit Quick ½" and ¾" Push-fitting × MIP adapters p 213
Water Heater Connector Kits p 203



	Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
NEW	634-112	¾" FIP × ¾" FIP swivel	12"	B	12	12	13.87 EA
NEW	634-112PK1	¾" FIP × ¾" FIP swivel	12"	C*	12	12	14.37 EA
NEW	634-112PK5	¾" FIP × ¾" FIP swivel	12"	C*	5	5	14.62 EA
	634-115	¾" FIP swivel × ¾" FIP swivel	15"	B	12	12	15.46 EA
NEW	634-115PK1	¾" FIP × ¾" FIP swivel	15"	C*	12	12	15.96 EA
	634-118	¾" FIP swivel × ¾" FIP swivel	18"	B	12	12	17.15 EA
NEW	634-118PK1	¾" FIP × ¾" FIP swivel	18"	C*	12	12	17.65 EA
NEW	634-118PK5	¾" FIP × ¾" FIP swivel	18"	C*	5	5	17.90 EA
NEW	634-124	¾" FIP × ¾" FIP swivel	24"	B	12	12	19.65 EA
NEW	634-124PK1	¾" FIP × ¾" FIP swivel	24"	C*	12	12	20.15 EA
NEW	634-124PK5	¾" FIP × ¾" FIP swivel	24"	C*	5	5	20.40 EA
	634-315	¾" FIP swivel × ¾" FSWT	15"	B	12	12	16.56 EA
	634-318	¾" FIP swivel × ¾" FSWT	18"	B	12	12	18.53 EA
NEW	634-324	¾" FIP × ¾" FSWT swivel flex	24"	C*	12	12	22.45 EA

NO LEAD

Water Heater Connector

Expansion Tank

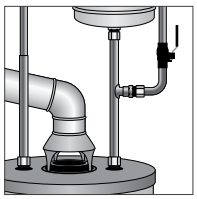
- Brass FIP swivel nut includes gasket
- Soldered saddle branch is ¾" MIP thread
- Made from Type L copper tube



633-G3TM15

DO NOT use pipe dope on FIP threads

Soldered ¾" MIP saddle branch connects to any FIP fitting.



Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
633-G3TM11	¾" × ¾" FIP swivel, with ¾" MIP branch	11"	B	25	25	30.41 EA
633-G3TM15	¾" × ¾" FIP swivel, with ¾" MIP branch	15"	B	25	25	32.39 EA
633-G4TM11	1" × ¾" FIP swivel, with ¾" MIP branch	11"	B	25	25	26.89 EA
633-G4TM15	1" × ¾" FIP swivel, with ¾" MIP branch	15"	B	25	25	37.69 EA

NO LEAD

Dielectric Connector

- Zinc-plated casing, inert thermoplastic waterway



635-33

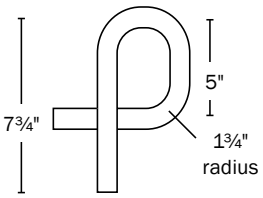
Item No	Connection	Length	Pkg	Min Qty	Case Qty	List Price
635-32	¾" MIP	2"	B	25	25	3.95 EA
635-33	¾" MIP	3"	B	25	25	4.37 EA
635-36	¾" MIP	6"	B	25	25	7.11 EA
635-43	1" MIP	3"	B	25	25	7.86 EA

Heat Trap Loop

- Retains heat in the water heater to save energy
- Preformed loops save installation time
- Made from Type L copper tube



636-3TR



NO LEAD
PRESS-FITTING COMPATIBLE

Item No	Description	Connection	Pkg	Min Qty	Case Qty	List Price
636-3TR	270° loop	¾" MSWT × ¾" MSWT	B	25	25	18.34 EA

Water Heater Stub Out Loop

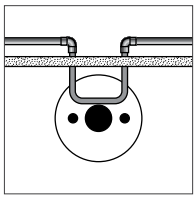
- Preformed copper loop bypasses water heater before test
- Made from Type L copper tube

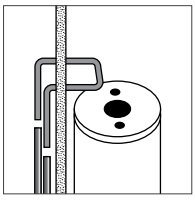


636-3L10888



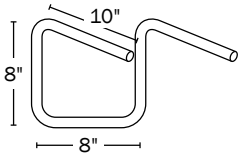
636-L3888

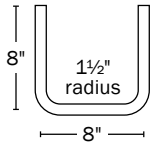




Easily hooks up to the water heater.
8" centers align perfectly with
water heater connections.

NO LEAD
PRESS-FITTING COMPATIBLE





Item No	Description	Pkg	Min Qty	Case Qty	List Price
636-L3888	¾" male sweat	B	25	25	20.55 EA
636-3L10888	¾" male sweat	B	10	10	42.00 EA
636-4L10888	1" male sweat	B	10	10	56.63 EA



601-20CV



601-22CVM



601-22VX



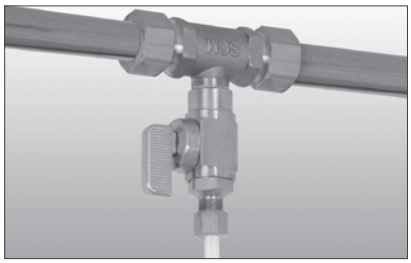
601-22



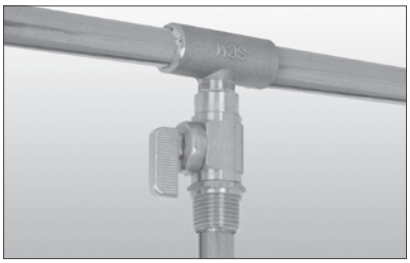
Add-A-Line™

Full-Slip Valve Tee

- New one-piece forged brass compression and sweat tee body
- 5/8" or 7/8" O.D. compression trunks provide easy and totally torchless installations
- 1/2" or 3/4" full-slip sweat trunks
- Adding water lines has never been easier
- Perfect for adding humidifiers, dishwashers, ice makers or any new water line
- Quality brass ball valve replaces cheap saddle valves that leak and clog
- Attractive, clamshell packaging in a white cut case carton for peg hooks, counters or shelf displays



Compression trunks are perfect for adding lines near HVAC or plastic drainage pipe that might get damaged by a soldering torch.



Our FSWT/MIP ball valve model has a versatile connection with both 1/2" MIP threads and 1/2" female sweat in one tee.

Item No	Description (Trunk × Tee)	Pkg	Min Qty	Case Qty	List Price
	COMPRESSION TRUNK				
601-20CV	5/8" O.D. compression × 1/4" O.D. compression, clamshell	C*	6	6	25.25 EA
601-30CV	7/8" O.D. compression × 1/4" O.D. compression, clamshell	C*	6	6	33.25 EA
601-21CV	5/8" O.D. compression × 3/8" O.D. compression, clamshell	C*	6	6	28.25 EA
601-31CV	7/8" O.D. compression × 3/8" O.D. compression, clamshell	C*	6	6	34.25 EA
601-22CVM	5/8" O.D. compression × 1/2" FSWT/MIP thread, clamshell	C*	6	6	29.25 EA
601-32CVM	7/8" O.D. compression × 1/2" FSWT/MIP thread, clamshell	C*	6	6	33.25 EA
601-22CVX	5/8" O.D. compression × 1/2" PEX barb, clamshell	C*	6	6	27.25 EA
601-32CVX	7/8" O.D. compression × 1/2" PEX barb, clamshell	C*	6	6	34.25 EA
	SWEAT TRUNK				
601-20V	1/2" female sweat × 1/4" O.D. compression, clamshell	C*	6	6	22.56 EA
601-30V	3/4" female sweat × 1/4" O.D. compression, clamshell	C*	6	6	26.06 EA
601-21V	1/2" female sweat × 3/8" O.D. compression, clamshell	C*	6	6	24.06 EA
601-31V	3/4" female sweat × 3/8" O.D. compression, clamshell	C*	6	6	27.06 EA
601-22VM	1/2" female sweat × 1/2" FSWT/MIP thread, clamshell	C*	6	6	24.56 EA
601-32VM	3/4" female sweat × 1/2" FSWT/MIP thread, clamshell	C*	6	6	23.56 EA
601-22VX	1/2" female sweat × 1/2" PEX barb, clamshell	C*	6	6	23.56 EA
601-32VX	3/4" female sweat × 1/2" PEX barb, clamshell	C*	6	6	24.56 EA
	SWEAT TRUNK WITHOUT VALVE				
601-22	1/2" female sweat × 1/2" male sweat	C*	10	10	5.95 EA
601-32	3/4" female sweat × 1/2" male sweat	C*	10	10	9.95 EA

Add-A-Line™

Ice Maker Kits

- One-piece forged brass compression tee body
- 5/8" and 7/8" O.D. compression trunks provide easy and totally torchless installations
- Adding water lines to the ice maker has never been easier
- 25-foot coil of 1/4" O.D. plastic tube included
- Quality brass ball valve replaces cheap saddle valves that leak and clog
- Attractive, hangable clamshells

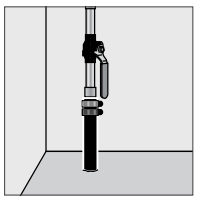


601-30CVPK

Item No	Description (Trunk × Tee)	Pkg	Min Qty	Case Qty	List Price
601-20CVPK	5/8" O.D. compression × 1/4" O.D. compression, 25 ft of 1/4" O.D. plastic tube, clamshell	C*	5	5	29.97 EA
601-30CVPK	7/8" O.D. compression × 1/4" O.D. compression, 25 ft of 1/4" O.D. plastic tube, clamshell	C*	5	5	32.07 EA

Water Service Connectors

- 646 series connects to 1" polyethylene water service pipe (ASTM D-2239) with brass IPS-ID insert barb
- 692-1308 has a heavy duty brass nut that includes gasket



646 series installs with two stainless steel hose clamps per pipe manufacturer's instructions.



646-GP4312FD



692-1308

Item No	Connection	Ball Valve	NO LEAD	Drain	Length	Pkg	Min Qty	Case Qty	List Price
POLY WATER SERVICE CONNECTOR									
646-GP4312FP	1" IPS-ID barb × 3/4" MIP	✓	✓		12"	B	25	25	54.93 EA
646-GP4312FD	1" IPS-ID barb × 3/4" MIP	✓	✓	✓	12"	B	25	25	60.73 EA
646-GP4412FP	1" IPS-ID barb × 1" MIP	✓	✓		12"	B	25	25	75.47 EA
646-GP4412FD	1" IPS-ID barb × 1" MIP	✓	✓	✓	12"	B	25	25	79.68 EA
WATER METER EXTENSION NIPPLE									
692-1308	3/4" MIP × swivel water meter thread				8"	B	25	25	23.87 EA

ShowerUp™ Kits

Sweat Connection

- Manage materials more easily
- Save labor costs
- Prevent leaks by using preformed copper
- All copper components are made from Type L copper tube



693-01226108

Related Products
Build your own kit *p 262*

Item No	Components	Bulk Item No	NO LEAD	Pkg	Min Qty	Case Qty	List Price
693-01226108	no tub spout elbow 6" × 3" MIP swivel × FSWT pressure connectors ½" MIP swivel × spun, 30" × 8" stub out elbow 16" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	— 609-L263X 608-L2308X 525-24WLB 523-2424		B*	12	12	55.90 KT
693-01226301	no tub spout elbow 6" × 3" MIP swivel × FSWT pressure connectors ½" MIP swivel × spun, 50" × 8" stub out elbow 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	— 609-L263X 608-L2508X 525-16WLB 523-2434		B*	12	12	64.20 KT
693-12213203	6" × 7" MSWT tub spout elbow 6" × 2¼" MSWT × FSWT pressure connectors ½" MSWT × drop ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67 609-L263A 616-650 523-2404 523-2434	✓	B*	12	12	55.10 KT
693-03226107	6" × 7" MIP swivel tub spout elbow 6" × 3" MIP swivel × FSWT pressure connectors ½" MIP swivel × spun, 30" × 8" stub out elbow 24" Strong Arm, Shower WallNut Lock Block, Power Bar w/4 screws, 3TD clamp, 4 screws	613-67X 609-L263X 608-L2308X 525-24WLB 523-2434		B*	12	12	66.76 KT
693-32234403	6" × 7" FIP swivel tub spout elbow 6" × 3" FIP swivel × FSWT pressure connectors ½" FIP swivel × drop ear 90, 50" Power Bar w/6 screws, Power Bar 3TD clamp, 4 screws	613-67Y 609-L263Y 616-650Y 523-2404 523-2434		B*	12	12	75.10 KT

Water Heater Connector Kits

Sweat Connection

- Pre-manufactured assemblies
- Maintains the necessary 18" distance from plastic tubing



694-G211120

DO NOT use pipe dope on FIP threads

Related Products
Build your own kit *p 271*

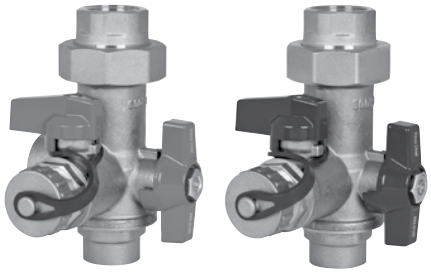
	Item No	Components	Bulk Item No	Pkg	Min Qty	Case Qty	List Price
NEW	694-G21012091	3/4" FIP Swivel x 3/4" full-slip FSWT 3/4" FIP Swivel x 3/4" full Slip FSWT, ball valve 3/4" x 3/4" FIP Swivel w/ 3/4" MIP branch	633-312 631-G305FP 633-G3TM15	B*	10	10	89.90 KT
NEW	694-G21012391	3/4" FIP Swivel x 3/4" full-slip FSWT 3/4" FIP Swivel x 3/4" full Slip FSWT, ball valve Two 3/4" x 3/4" dielectric nipples 3/4" x 3/4" FIP Swivel w/ 3/4" MIP branch	633-312 631-G305FP 635-33 633-G3TM15	B*	10	10	94.27 KT
	694-G211120	¾" FIP swivel × ¾" full-slip FSWT ¾" FIP swivel × ¾" full-slip FSWT, ball valve	633-312 633-G312FP	B*	10	10	59.76 KT
	694-G211123	¾" FIP swivel × ¾" full-slip FSWT ¾" FIP swivel × ¾" full-slip FSWT, ball valve Two ¾" MIP × ¾" MIP dielectric nipples	633-312 633-G312FP 635-33	B*	10	10	68.50 KT
NEW	694-G221224	1" FIP swivel × ¾" full-slip FSWT 1" FIP swivel × ¾" full-slip FSWT, ball valve Two 1" MIP × 1" MIP dielectric nipples	633-4312 633-G4312FP 635-43	B*	10	10	89.92 KT
NEW	694-G858520	¾" Dielectric end × ¾" full-slip FSWT ¾" Dielectric end × ¾" full-slip FSWT, ball-valve	633-G716FP 633-G716FP	B*	10	10	97.92 KT
NEW	694-G868620	1" Dielectric end × ¾" full-slip FSWT 1" Dielectric end × ¾" full-slip FSWT, ball-valve	633-G7416FP 633-G7416FP	B*	10	10	110.10 KT

NO LEAD

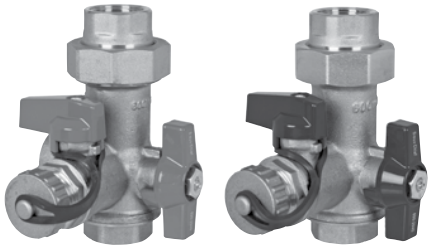
All-Brass Tankless Water Heater Stub Out Kit

Sweat and Threaded Connection

- Forged brass bodies
- 600 WOG full-port valve
- Integral ¼-turn drain valve with cap
- ¾" hot connector has integral ¾" FIP port for pressure relief valve
- 1" hot connector has integral ¾" MIP port for pressure relief valve
- Fits most tankless water heaters
- Available with or without pressure-only relief valve
- Pressure-only relief valve rated at 150 PSI at 500,000 BTU/hr
- Push-fit models for reduced labor

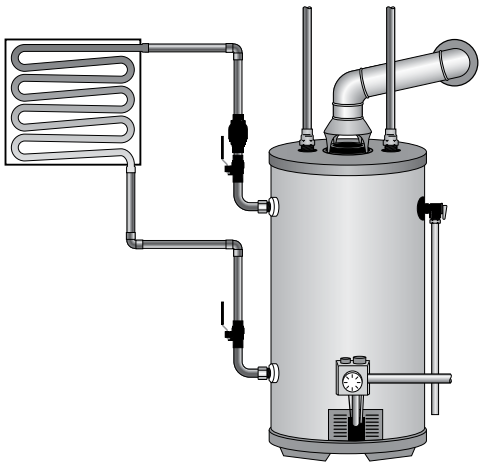


690-0145



690-2045

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	FEMALE SWEAT × UNION CONNECTIONS				
690-0145	¾" hot and cold connectors	B*	1	9	119.19 EA
690-0175	¾" hot and cold connectors with pressure valve	B*	1	1	133.87 EA
690-4045	1" hot and cold connectors	B*	1	1	184.98 EA
	FIP THREAD × UNION CONNECTIONS				
690-2045	¾" hot and cold connectors	B*	1	1	119.19 EA
690-2075	¾" hot and cold connectors with pressure valve	B*	1	9	133.87 EA
690-5055	1" hot and cold connectors	B*	1	1	184.98 EA





636-31308FK

Heating Coil Loop Kit

Supply and Return Loop Connectors

- For use with high recovery hydronic systems. Preformed supply and return loop connectors provide easy installation

Sweat System

Component	Supply Loop Elbow	Return Loop Elbow	Dielectric Connector
Standard Kit	¾" FIP swivel × ¾" FSWT, full-port ball valve	¾" FIP swivel × ¾" FSWT, full-port ball valve	Two ¾" MIP × ¾" MIP, 3" long
Check Valve Kit	¾" FIP swivel × ¾" FSWT, full-port ball valve, with spring-loaded check valve	¾" FIP swivel × ¾" FSWT, full-port ball valve	Two ¾" MIP × ¾" MIP, 3" long

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	SWEAT				
636-31305F	Standard heating coil loop kit	B*	10	10	74.20 KT
636-31308FK	Check valve heating coil loop kit	B*	10	10	144.47 KT



BranchMaster™

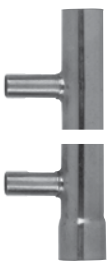
½" Male Sweat Branches
1" Male Sweat × 1" Male Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Press-fitting compatible

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
678-20344	3	½" male sweat	B	10	10	21.01 EA
678-20644	6	½" male sweat	B	10	10	32.40 EA
678-21244	12	½" male sweat	B	10	10	63.41 EA



BranchMaster™

½" Male Sweat Branches
1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center (unless noted)
- Press-fitting compatible

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

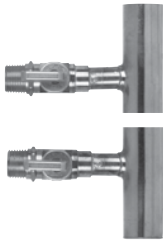
NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
678-20242	2	½" male sweat	B	10	10	18.91 EA
678-20342	3	½" male sweat	B	10	10	22.03 EA
678-20442	4	½" male sweat	B	10	10	24.44 EA
6784L-11313	11	½" male sweat, 3" O.C.	B	5	5	74.06 EA

BranchMaster™

½" MIP/Female Sweat Ball Valve Branches

1" Male Sweat × 1" Male Sweat Trunk



- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

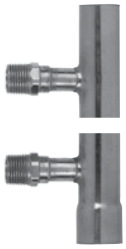
More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-V20244	2	½" MIP/female sweat ball valve	B	1	10	47.57 EA
675-V20344	3	½" MIP/female sweat ball valve	B	1	10	65.87 EA
675-V20444	4	½" MIP/female sweat ball valve	B	1	10	84.31 EA
675-V20544	5	½" MIP/female sweat ball valve	B	1	10	101.67 EA

BranchMaster™

½" MIP Branches

1" Male Sweat × 1" Female Sweat Trunk



- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

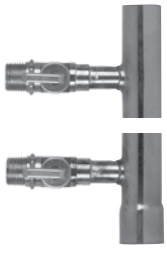
More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-20242	2	½" MIP	B	10	10	30.11 EA
675-20342	3	½" MIP	B	10	10	35.22 EA
675-20442	4	½" MIP	B	10	10	42.73 EA

BranchMaster™

½" MIP/Female Sweat Ball Valve Branches

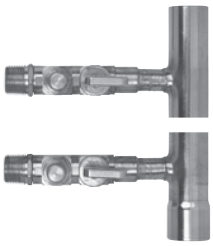
1" Male Sweat × 1" Female Sweat Trunk



- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-V20242	2	½" MIP/female sweat ball valve	B	1	10	50.75 EA
675-V20342	3	½" MIP/female sweat ball valve	B	1	10	68.06 EA
675-V20442	4	½" MIP/female sweat ball valve	B	1	10	85.76 EA



BranchMaster™

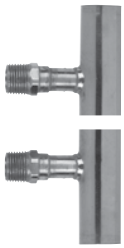
½" MIP/Female Sweat Balancing Valve Branches

1" Male Sweat × 1" Female Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-B20242	2	½" MIP/female sweat balancing valve	B	1	12	89.41 EA
675-B20342	3	½" MIP/female sweat balancing valve	B	1	10	126.52 EA
675-B20442	4	½" MIP/female sweat balancing valve	B	1	10	160.11 EA



BranchMaster™

½" MIP Branches

1" Male Sweat × 1" Male Sweat Trunk

- 1" Type L copper trunk
- Branches are 2" on-center
- Brazed branches
- Perfect for hydronic applications

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
675-20244	2	½" MIP	B	10	10	27.19 EA
675-20344	3	½" MIP	B	10	10	32.30 EA
675-20444	4	½" MIP	B	10	10	40.74 EA
675-20544	5	½" MIP	B	10	10	49.91 EA



BranchMaster™

¾" Male Sweat Branches

1¼" Male Sweat × 1¼" Male Sweat Trunk

- Branches are 3" on-center
- 1¼" Type L copper trunk
- Press-fitting compatible

More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information p 66

NO LEAD

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
6795L-12333	12	¾" male sweat	B	1	5	156.82 EA

BranchMaster™

¾" Male Sweat Branches
1½" Male Sweat × 1½" Male Sweat Trunk

- Branches are 3" on-center
- 1½" Type L copper trunk
- Press-fitting compatible



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information *p 66*

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
6796L-12333	12	¾" male sweat	B	1	5	171.61 EA

NO LEAD

BranchMaster™

¾" Male Sweat Branches
2" Male Sweat × 2" Male Sweat Trunk

- Branches are 3" on-center
- 2" Type L copper trunk
- Press-fitting compatible



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information *p 66*

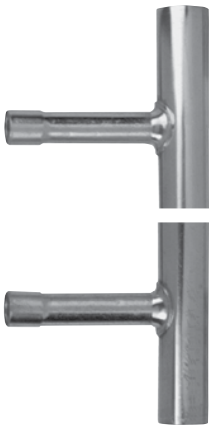
Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
6797L-12333	12	¾" male sweat	B	1	4	219.47 EA

NO LEAD

BranchMaster™

¾" Female Sweat Branches
1¼" Male Sweat × 1¼" Male Sweat Trunk

- Branches are 4" on-center
- 1¼" Type L copper trunk
- Press-fitting compatible



More Radiant Heat Manifolds are within F1807 PEX
See BranchMaster™ Manifold information *p 66*

Item No	Branch Qty	Branches	Pkg	Min Qty	Case Qty	List Price
67745L-08334	8	¾" female sweat	B	1	5	130.71 EA

NO LEAD



677-11

BranchMaster™
Manifold Endpiece

- 1" Type L copper trunk
- ⅛" FIP and ½" FIP branches
- Outlets connect to gauges, valves or service points
- Perfect for radiant heat manifold application

Item No	Branch Qty	Trunk Ends	Pkg	Min Qty	Case Qty	List Price
677-11	2	1" female sweat × spin closed	B	1	10	32.86 EA
677-116	2	1½" female sweat × spin closed	B	1	10	41.82 EA
677-117	2	2" female sweat × spin closed	B	1	10	49.69 EA

TouchDown™

» See page 430

- Clamps 1/4" - 1" CTS (Copper, PEX, or CPVC) tube and 1/8" - 1" Sch. 40 pipe
- Option Pipe Down noise absorption blocks available
- E84 models meet ASTM E84 25/50 Flame/Smoke Spread and UL94 V-) flame rating



CONSIDER SIOUX CHIEF AS YOUR
ROUGH PLUMBING ARMORY
TOGETHER, WE WILL TAKE THE FIELD.

» SUPPORT > SUPPLY HANGERS > TouchDown

FIT QUICK™ PUSH FITTINGS

DIRECTIONALS

COUPLINGS

ADAPTERS/CONNECTORS

PLUGS

VALVES

TOOLS

Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass Product Availability and PEX Fitting Options

Sioux Chief no longer builds stock or produces leaded brass for F1807, F1960, F2080, or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

Sioux Chief has made the investment in no lead brass inventory for the majority of our current products. This inventory is currently available in various alloys including no lead compliant and dezincification resistant C69300 material.

F1807 PEX, F1960 PEX and F2080 PEX are offered under the PowerPEX™ brand as fully compliant and listed standard brass (traditional 360 and 377 brass fittings) as well as the above-mentioned no lead and dezincification resistant brass. Sioux Chief's F1807 line of fittings is also offered in copper and remains an economical and perfect solution to no lead and dezincification issues.

All Sioux Chief no lead compliant PEX products, F2159 poly alloy fittings and F1807 copper fittings already meet the above national mandates for Jan. 4, 2014. Sioux Chief's current listed no lead inventory, copper stub outs, copper PEX F1807 fittings and the majority of our preformed copper (PFC) solutions are naturally no lead, are not prone to dezincification and offer natural anti-microbial properties. For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

Fit Quick™

Push Fitting System

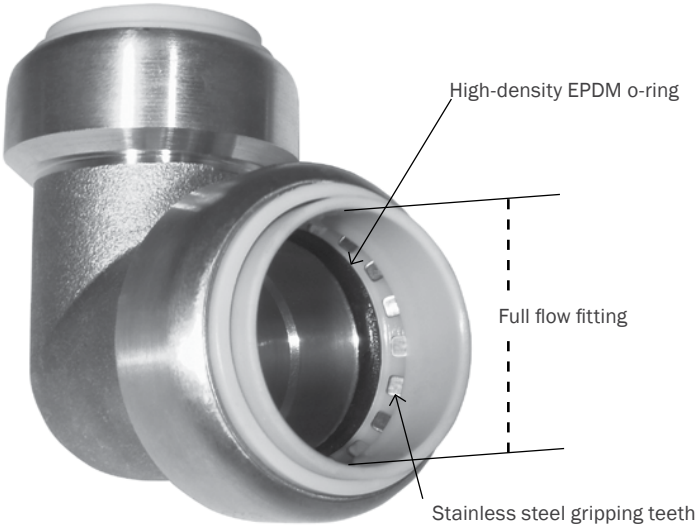
Fit Quick™ fittings are made to the ASSE 1061 Standard for Removable and Non-Removable Push-Fit Fittings. All Fit Quick fittings are tested to ASSE 1061/NSF 61 standards and are cUPC listed.

Fit Quick fittings:

- PPSU tube stiffeners are included with individually bagged ½" – 1" Fit Quick fittings
- SS tube stiffeners are sold separately for 1¼" – 2" Fit Quick couplings
- Connect to copper, CPVC and SDR9 PEX tubing
- Removable, and can be rotated after installation
- Approved for underground and sealed wall applications
- Applications include potable water and hydronic heating applications
- When installing with PEX tube, a tube stiffener must be inserted into PEX tubing end prior to installation of the Fit Quick fitting or valve
- 25-year warranty
- Fit Quick™ fittings are not compatible with chrome or nickel-plated stub outs and stub out elbows

ASSE 1061

cUPC



Fit Quick specifications and brochures complete with installation instructions can be downloaded from the Sioux Chief website at www.siouxchief.com



Fit Quick™ Elbow



642QB4

Individually bagged with tube stiffeners

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642QB2	½" push-fit × ½" push-fit	C*	12	12	8.56 EA
642QB3	¾" push-fit × ¾" push-fit	C*	12	12	10.67 EA
642QB32	¾" push-fit × ½" push-fit	C*	6	6	10.59 EA
642QB4	1" push-fit × 1" push-fit	C*	6	6	20.34 EA

Fit Quick™ Tee

- Quickly add a branch or line to existing plumbing



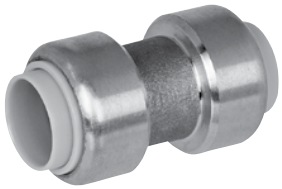
641QB333

Individually bagged with tube stiffeners

Item No	Description	Pkg	Min Qty	Case Qty	List Price
641QB222	½" push-fit × ½" push-fit × ½" push-fit	C*	12	12	11.80 EA
641QB322	¾" push-fit × ½" push-fit × ½" push-fit	C*	12	12	13.95 EA
641QB323	¾" push-fit × ½" push-fit × ¾" push-fit	C*	6	6	14.60 EA
641QB332	¾" push-fit × ¾" push-fit × ½" push-fit	C*	6	6	13.96 EA
641QB333	¾" push-fit × ¾" push-fit × ¾" push-fit	C*	6	6	16.54 EA
641QB334	¾" push-fit × ¾" push-fit × 1" push-fit	C*	6	6	20.49 EA
641QB424	1" push-fit × ½" push-fit × 1" push-fit	C*	6	6	23.18 EA
641QB443	1" push-fit × 1" push-fit × ¾" push-fit	C*	6	6	25.15 EA
641QB444	1" push-fit × 1" push-fit × 1" push-fit	C*	6	6	24.63 EA

Fit Quick™ Coupling

- Make speedy and permanent repairs in plumbing lines with ease
- Stainless steel tube stiffeners available separately for 1¼" – 2" Fit Quick™ coupling



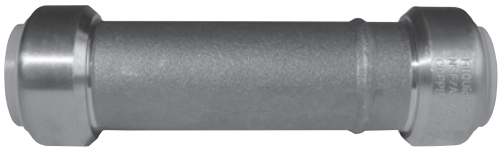
645QB2

Individually bagged with tube stiffeners except 1¼", 1½" and 2" models

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645QB2	½" push-fit × ½" push-fit	C*	12	12	8.26 EA
645QB3	¾" push-fit × ¾" push-fit	C*	12	12	9.44 EA
645QB32	¾" push-fit × ½" push-fit	C*	6	6	9.22 EA
645QB4	1" push-fit × 1" push-fit	C*	6	6	19.92 EA
645QB43	1" push-fit × ¾" push-fit	C*	6	6	22.97 EA
645QB5	1¼" push-fit × 1¼" push-fit	C*	3	3	65.17 EA
645QB6	1½" push-fit × 1½" push-fit	C*	3	3	90.56 EA
645QB7	2" push-fit × 2" push-fit	C*	3	3	132.31 EA

Fit Quick™ Slip Coupling

- Make speedy and permanent repairs in plumbing lines with ease
- Stainless steel tube stiffeners available separately for 1¼" – 2" Fit Quick™ coupling



600QB306

Item No	Description	Pkg	Min Qty	Case Qty	List Price
600QB206	½" full-slip push-fit × ½" push-fit	C*	6	6	16.06 EA
600QB306	¾" full-slip push-fit × ¾" push-fit	C*	6	6	19.70 EA
600QB406	1" full-slip push-fit × 1" push-fit	C*	6	6	28.17 EA

Individually bagged with tube stiffeners except 1¼", 1½" and 2" models



Fit Quick™ Test Cap



605QB3

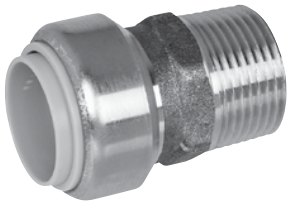
Item No	Description	Pkg	Min Qty	Case Qty	List Price
605QB2	½" push-fit test cap	C*	12	12	6.93 EA
605QB3	¾" push-fit test cap	C*	6	6	8.67 EA
605QB4	1" push-fit test cap	C*	6	6	18.89 EA

Individually bagged with tube stiffeners



Fit Quick™ Straight Adapter

Push-Fit × MIP



646QB3

Item No	Description	Pkg	Min Qty	Case Qty	List Price
646QB2	½" push-fit × ½" MIP	C*	12	12	6.65 EA
646QB3	¾" push-fit × ¾" MIP	C*	12	12	7.51 EA
646QB32	½" push-fit × ¾" MIP	C*	6	6	7.45 EA
646QB4	1" push-fit × 1" MIP	C*	6	6	15.35 EA

Fit Quick Straight Adapter

Push-Fit × FIP



647QB2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
647QB2	½" push-fit × ½" FIP	C*	12	12	6.56 EA
647QB3	¾" push-fit × ¾" FIP	C*	6	6	7.69 EA
647QB32	½" push-fit × ¾" FIP	C*	6	6	7.65 EA
647QB34	1" push-fit × ¾" FIP	C*	6	6	13.01 EA
647QB4	1" push-fit × 1" FIP	C*	6	6	14.78 EA
NEW 647QB43	¾" push-fit × 1" FIP	C*	1	6	13.96 EA



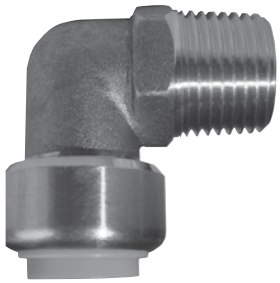
647QB2E

Fit Quick™ Drop-Ear Elbow

- For use on shower risers and tub spouts, non-pressure fitting applications

Individually bagged with tube stiffeners

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
647QB2E	½" push-fit × ½" FIP	C*	6	6	8.31 EA



632QB222M

Fit Quick™ Elbow Adapter

Push-Fit™ × MIP

Individually bagged with tube stiffeners

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632QB222M	½" push-fit × ½" MIP	C*	6	6	7.90 EA
632QB444M	1" push-fit × 1" MIP	C*	6	6	19.40 EA



632QB222F

Fit Quick™ Elbow Adapter

Push-Fit™ × FIP

Individually bagged with tube stiffeners

Item No	Description	Pkg	Min Qty	Case Qty	List Price
632QB222F	½" push-fit × ½" FIP	C*	6	6	8.03 EA

Fit Quick™ Full-Port Ball Valve

- Full-port ¼-turn ball valve
- Valves tested to 200 PSI at 200°F

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
648QB2	½" push-fit	C*	12	12	17.16 EA
648QB3	¾" push-fit	C*	12	12	23.43 EA
648QB4	1" push-fit	C*	6	6	38.88 EA



648QB3



Individually bagged with tube stiffeners

Fit Quick™ Quarter-Turn Stop Valve

- Chrome-plated
- Valves tested to 200 PSI at 200°F
- ¼-turn ball valve operation



648QB220A



648QB220S



648QBD220A

Item No	Description	Pkg	Min Qty	Case Qty	List Price
648QB220A	½" push-fit × ⅜" O.D. angle stop	C*	12	12	12.16 EA
648QB220S	½" push-fit × ⅜" O.D. straight stop	C*	12	12	12.65 EA
648QBD220A	½" push-fit × ⅜" O.D. dual angle stop	C*	12	12	18.25 EA



Individually bagged with tube stiffeners

Instantaneous Water Heater Connector Kits

- Forged brass bodies
- 600 WOG full-port valve
- Integral ¼-turn drain valve with cap
- ¾" hot connector has integral ¾" FIP port for pressure relief valve
- 1" hot connector has integral ¾" MIP port for pressure relief valve
- Fits most tankless water heaters
- Available with or without pressure-only relief valve
- Pressure-only relief valve rated at 150 PSI at 500,000 BTU/hr



690-3045

Item No	Description	Pkg	Min Qty	Case Qty	List Price
690-3045	¾" hot and cold connectors	B*	1	1	140.11 EA
690-3075	1" hot and cold connectors with pressure valve	B*	1	1	154.79 EA

Tube Stiffener

For PEX Installations

- When installing PEX tube, a tube stiffener must be inserted into PEX tubing end prior to installation of the Fit Quick™ fitting or valve



603Q4 603Q3 603Q2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
603Q2	½" PPSU tube stiffener, 6/bag	B	1	15	1.99 BG
603Q3	¾" PPSU tube stiffener, 6/bag	B	1	15	3.19 BG
603Q4	1" PPSU tube stiffener, 6/bag	B	1	15	3.98 BG
603Q5	1¼" SS tube stiffener	B	1	20	11.80 EA
603Q6	1½" SS tube stiffener	B	1	20	12.59 EA
603Q7	2" SS tube stiffener	B	1	20	13.99 EA

Fit Quick™ Disconnect Tool

- Quickly and easily disconnects push fittings
- 1¼" – 2" disconnect tools are unique to their sizes and come with special instructions on use



305Q4

Item No	Description	Pkg	Min Qty	Case Qty	List Price
305Q2	½" disconnect tool	C*	1	24	1.74 EA
305Q3	¾" disconnect tool	C*	1	24	1.74 EA
305Q4	1" disconnect tool	C*	1	12	1.95 EA
305Q5	1¼" disconnect tool	B	1	1	19.25 EA
305Q6	1½" disconnect tool	B	1	10	20.50 EA
305Q7	2" disconnect tool	B	1	1	20.50 EA

2-Hole Tube Strap

» See page 433

- Galvanized straps comply with MSS SP58 Type 26



CONSIDER SIOUX CHIEF AS YOUR ROUGH PLUMBING ARMORY

TOGETHER, WE WILL TAKE THE FIELD.

» SUPPORT > SUPPLY HANGERS > 2-Hole Tube Strap

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

F1380 POLYBUTYLENE

RINGS

DIRECTIONALS

COUPLINGS

ADAPTERS/CONNECTORS

VALVES

Federal No Lead Compliance

Reducing Lead in Drinking Water

Federal legislation known as Federal Public Law 111-380 or the "Reduction of Lead in Drinking Water Act" was signed into law in 2011 and eliminates the sale or installation of plumbing fixtures (drinking water pipes, pipe fittings and plumbing fixtures) with a wetted surface area containing more than a weighted average of 0.25% lead.

National requirements allow for standard leaded brass to be installed up until January 4, 2014. However, these products will be non-compliant and obsolete as of January 4, 2014 for use within potable drinking water plumbing systems.

Products exempted from the no lead law are those used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, radiant heating or any other uses where the water is not intended for human consumption.

No Lead Compliant Products

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

Sioux Chief's No Lead and Standard Brass Product Availability and PEX Fitting Options

Sioux Chief no longer builds stock or produces leaded brass for F1807, F1960, F2080, F1380 or sweat fittings that fall under the necessary federal mandates. Sioux Chief will not accept returns of these phasing-out standard brass fittings after December 31, 2012.

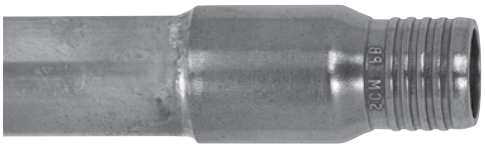
Sioux Chief will keep a list of fittings that will be transitioning to no lead material at www.siouxchief.com. This list will be kept up-to-date with current stock status of each fitting (obsolete vs. in-stock) as we transition to no lead inventory.

Sioux Chief has made the investment in no lead brass inventory for the majority of our current products. This inventory is currently available in various alloys including no lead compliant and dezincification resistant C69300 material.

F1807 PEX, F1960 PEX and F2080 PEX are offered under the PowerPEX™ brand as fully compliant and listed standard brass (traditional 360 and 377 brass fittings) as well as the above-mentioned no lead and dezincification resistant brass. Sioux Chief's F1807 line of fittings is also offered in copper and remains an economical and perfect solution to no lead and dezincification issues.

All Sioux Chief no lead compliant PEX products, F2159 poly alloy fittings and F1807 copper fittings already meet the above national mandates for Jan. 4, 2014. Sioux Chief's current listed no lead inventory, copper stub outs, copper PEX F1807 fittings and the majority of our preformed copper (PFC) solutions are naturally no lead, are not prone to dezincification and offer natural anti-microbial properties. For those PFC items that are within the scope of federal mandates and which currently contain leaded brass, Sioux Chief will fully transition to compliant product by the Jan 4, 2014 date.

POLYBUTYLENE (PB) FITTINGS



Although Polybutylene (PB) tube is no longer installed in the United States, demand for barbed insert fittings for PB systems continues to be high, especially in Canada. For your convenience, we will continue to offer the most popular PB fittings as long as demand remains significant. (See stock PB fittings below.) Sioux Chief F1380 fittings are made in the United States with domestic materials.

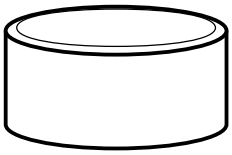
Sioux Chief will no longer accept returns on PB barbed fittings.

All sales are final.

All Sioux Chief PB fittings conform to CSA B137.8 and ASTM F-1380 Standard for Metal Insert Barb Fittings for Polybutylene, and are designed for use with Polybutylene SDR 11 Tube conforming to ASTM D-3309.

PB Crimp Ring

- For use with SDR-11 tubing only
- Not for use with PEX tube
- Pure, annealed copper rings

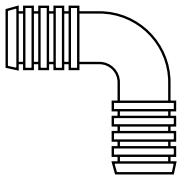


649-1

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	CRIMP RINGS FOR PB				
649-1	⅜" PB crimp ring	B	100	1000	0.30 EA
649-2	½" PB crimp ring	B	100	1000	0.30 EA
649-3	¾" PB crimp ring	B	100	500	0.37 EA
649-4	1" PB crimp ring	B	25	250	0.54 EA

PB × PB Elbow

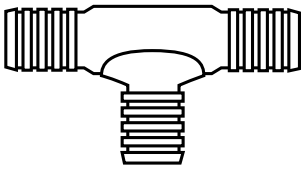
- One-piece solid copper



642-2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
642-2	½" × ½" PB	B	25	250	2.53 EA
642-3	¾" × ¾" PB	B	25	250	3.14 EA

NO LEAD



641-222

PB × PB Tee

• Lead-free solder joint

Item No	Description	Pkg	Min Qty	Case Qty	List Price
641-222	½" PB × ½" PB × ½" PB	B	50	500	4.53 EA
641-332	¾" PB × ¾" PB × ½" PB	B	20	200	6.21 EA
641-333	¾" PB × ¾" PB × ¾" PB	B	20	200	6.85 EA

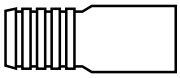


645-2

PB × PB Coupling

• One-piece solid copper

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645-2	½" PB × ½" PB	B	100	1000	1.49 EA
645-3	¾" PB × ¾" PB	B	50	500	1.90 EA



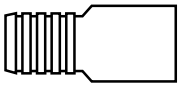
643-2

PB Adapter

PB × Male Sweat

• One-piece solid copper

Item No	Description	Pkg	Min Qty	Case Qty	List Price
643-2	½" PB × ½" MSWT	B	100	1000	1.46 EA
643-3	¾" PB × ¾" MSWT	B	50	500	2.60 EA
643-3B	¾" PB blue × ¾" MSWT	B	50	50	3.30 EA



644-2

PB Adapter

PB × Female Sweat

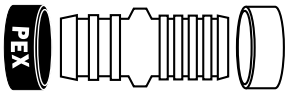
• One-piece solid copper

Item No	Description	Pkg	Min Qty	Case Qty	List Price
644-2	½" PB × ½" FSWT	B	100	1000	1.50 EA
644-3	¾" PB × ¾" FSWT	B	50	500	2.32 EA

PB Adapter

PB × F1807 PEX Copper Coupling with Crimp Rings

- One-piece solid copper



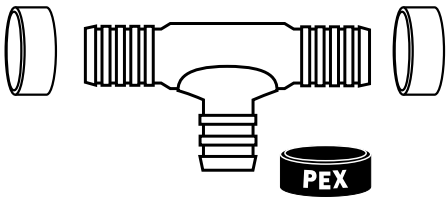
645X2G

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645X2G	½" PB × ½"F1807	B	50	50	2.09 EA
645X2GPK2	½"F1807 × ½" PB, 1/bag	C*	10	10	2.34 BG
645X3G	¾" PB × ¾"F1807	B	50	50	2.47 EA
645X3GPK2	¾"F1807 × ¾" PB, 1/bag	C*	10	10	2.72 BG

NO LEAD

PB Adapter Tee

PB × F1807 PEX Tee with Crimp Rings



641-222X

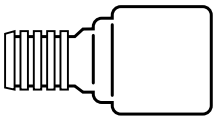
Item No	Description	Pkg	Min Qty	Case Qty	List Price
641-222X	½" PB × ½" PB × ½"F1807	B	50	50	5.83 EA
641-222XPK2	½" PB × ½" PB × ½"F1807, 1/bag	C*	10	10	6.08 BG
641-332X	¾" PB × ¾" PB × ½"F1807	B	50	50	7.21 EA
641-333X	¾" PB × ¾" PB × ¾"F1807	B	50	50	7.05 EA
641-333XPK2	¾" PB × ¾" PB × ¾"F1807, 1/bag	C*	10	10	7.30 BG

NO LEAD

PB Adapter

PB × CPVC

- One-piece solid copper



645-C2G

Item No	Description	Pkg	Min Qty	Case Qty	List Price
645-C2G	½" PB × ½" CPVC	B	50	50	7.32 EA
645-C3G	¾" PB × ¾" CPVC	B	50	50	9.56 EA

NO LEAD

Notes

ARRESTERS & PRIMERS

ARRESTERS

Mini-Rester™
Hydra-Rester™
Mega-Rester™

TRAP PRIMERS

Mechanical Primers
Gravity
Priming Distribution
Priming Drain Adapters
Electronic Primers

Arresters & Primers



Mini-Rester™ Straight
Residential Water Hammer Arrester
p 226



Mini-Rester™ Tee
Residential Water Hammer Arrester
p 227



Mini-Rester™ PEX Tee
Residential Water Hammer Arrester
p 228



Hydra-Rester™
Commercial Water Hammer Arrester
p 229



Mega-Rester™
Industrial Water Hammer Arrester
p 231



Vacu-Rester™
Vacuum Breaker Arrester
p 233



Prime Perfect™
Trap Primer Valve
p 234



Splitters
Wye Splitter
p 235



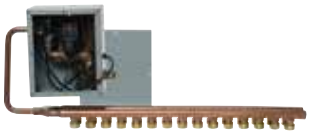
Splitters
Distributor
p 235



Trap Primer Adapter
Sch. 40 Hub with ½" FIP Port
p 236



Trap-Ease™
Trap Primer Tailpiece
p 236



ETP - Electronic Trap Primer
Surface Mount Box & Panel
p 237



ETP - Electronic Trap Primer
Recessed Box & Panel
p 237



ETP - Electronic Trap Primer
Electronic Trap Primer
p 238

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

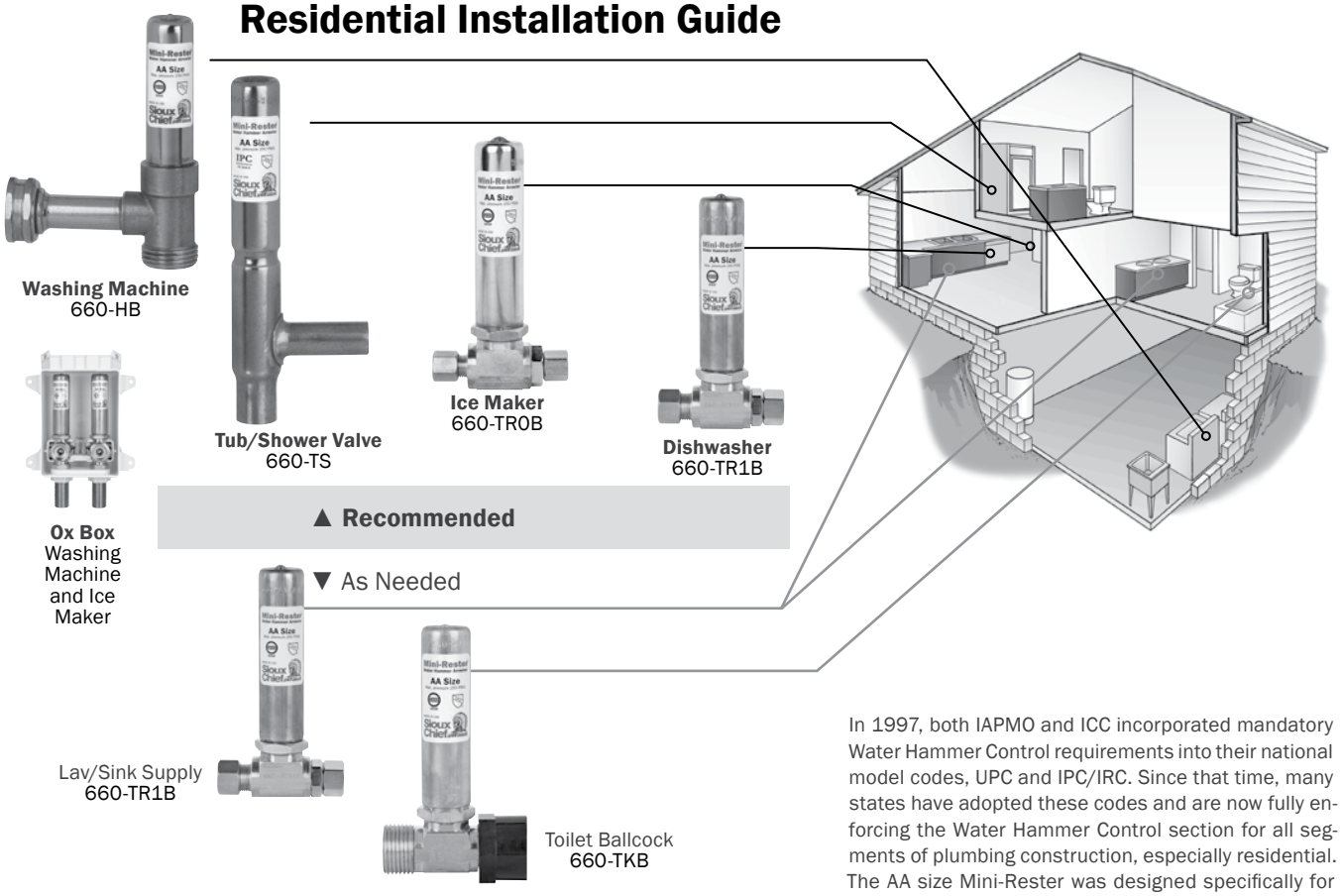
Mini-Rester™

Residential Water Hammer Arrester

- All Mini-Resters™ are approved for sealed wall installations with no access panel required
- Certified by ASSE as AA size to the ANSI/ASSE 1010-2004 Standard †
- May be installed at any angle

ASSE 1010

Residential Installation Guide



2012 Uniform Plumbing Code (UPC/IAPMO)

609.10 Water Hammer: All building water supply systems in which quick-acting valves are installed shall be provided with devices to absorb the hammer caused by high pressures resulting from the quick closing of these valves. These pressure-absorbing devices shall be approved mechanical devices. Water pressure-absorbing devices shall be installed as close as possible to quick-acting valves.

609.10.1 Mechanical Devices: When listed mechanical devices are used, the manufacturers' specifications as to location and method of installation shall be followed.

2012 International Plumbing Code (IPC)

604.9 Water hammer: The flow velocity of the water distribution system shall be controlled to reduce the possibility of water hammer. A water-hammer arrester shall be installed where quick-closing valves are utilized. Water hammer arresters shall be installed in accordance with the manufacturer's specifications. Water-hammer arresters shall conform to ASSE 1010.

No Lead Compliant

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.

† Except: 660-C, 660-CB, 660-3SB & 660-TS series

In 1997, both IAPMO and ICC incorporated mandatory Water Hammer Control requirements into their national model codes, UPC and IPC/IRC. Since that time, many states have adopted these codes and are now fully enforcing the Water Hammer Control section for all segments of plumbing construction, especially residential. The AA size Mini-Rester was designed specifically for residential fixtures, and has made these code requirements feasible, affordable, easily inspected, and enforced. Sioux Chief recommends ASSE certified AA size arresters (Mini-Resters) installed at the very least on supply lines (both hot and cold) for washing machines, dishwashers, ice makers, and tub/shower valves to satisfy the minimum requirements of these codes. Arresters should be installed within six feet of the valve. All Sioux Chief Mini-Resters are AA size, regardless of connection size, and therefore are all equal in arrester capacity. Certain connection models may be intended for specific fixture applications, but other AA Mini-Rester models will control hammer on the same fixture just as well.

For High-Flow Garden Tub Valves and Multi-Head Shower Valves: Install 653-B Hydra-Resters® (p 229) on both hot and cold supply lines within six feet of the valve.

For Lawn Irrigation Zone Valves: On ¾" service line, install one 653-B Hydra-Rester within six feet of each valve or group of valves. On 1" service line: Install one 654-C Hydra-Rester (p 229) within six feet of each valve or group of valves.

Mini-Rester™

Residential Water Hammer Arrester
Straight

- Straight sweat arresters are compatible with press-fitting systems, such as Viega ProPress™ and all push-fitting systems
- Straight compression arresters install on any ½" nom. copper leg or riser and are especially popular in retrofitting ½" nom. air chambers
- MIP thread arresters install on any new rough-in or retrofit installation with ½" FIP fittings
- CPVC solvent weld arresters install on ½" CPVC tube or fittings in rough-in or retrofit applications
- PEX Mini-Resters™ are available with F1807, F1960 and Viega® PexPress® connections
- Products marked with the "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead
- All Mini-Resters are AA size



660-SB



660-CB



660-G2B



660-V82B



660-V2B



660-X2B



660-VPX2B



660-WG2B











Item No	Description	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	STRAIGHT					
660-SB	½" male sweat	✓	B	50	50	12.75 EA
660-S	½" male sweat, clamshell	✓	C*	6	6	14.25 EA
660-3SB	¾" male sweat	✓	B	50	50	17.00 EA
660-CB	⅝" O.D. compression straight		B	50	50	16.00 EA
660-C	⅝" O.D. compression straight, clamshell		C*	6	6	17.50 EA
660-G2B	½" MIP thread no lead	✓	B	50	50	13.10 EA
660-G2	½" MIP thread no lead, clamshell	✓	C*	6	6	14.60 EA
660-V2B	½" CPVC socket	✓	B	50	50	15.40 EA
660-V2	½" CPVC socket, clamshell	✓	C*	6	6	16.90 EA
660-V82B	½" male CPVC	✓	B	50	50	12.50 EA
660-V82	½" male CPVC, clamshell	✓	C*	6	6	13.75 EA
660-X2B	½" F1807 PEX, straight	✓	B	50	50	13.50 EA
660-VPX2B	½" Viega PEX Press		B	50	50	14.90 EA
660-WG2B	½" F1960 PEX, no lead	✓	B	50	50	15.75 EA

Male sweat models only

PRESS-FITTING COMPATIBLE

FBC SYSTEM COMPATIBLE

Mini-Rester™

Residential Water Hammer Arrester

Tee

- Full slip tee sweats in-line on ½" CTS near problem valve or fixture
- Hose tee arresters install on washing machine supply valves or directly to washing machine

Tub/Shower Tee

- Sweat branch arresters install easily on sweat tub/shower valves
- FIP swivel thread arresters install on MIP tub/shower valves. No more heat damaged cartridges from soldering valve













660-T22



660-HB



660-TKB



660-TS



660-TS8



660-TS88



660-TSX



660-TSX88

Item No	Kit Code	Description	NO LEAD	Pkg	Min Qty	Case Qty	List Price
		TEE					
660-T22	—	½" full-slip female sweat tee	✓	B	25	25	16.50 EA
660-HB	—	¾" female swivel hose thread × ¾" male hose thread tee		B	25	25	17.00 EA
660-H	—	¾" female swivel hose thread × ¾" male hose thread tee, clamshell		C*	6	6	18.50 EA
660-TKB	—	Female swivel ballcock nut × male ballcock thread tee		B	25	25	21.40 EA
660-TK	—	Female swivel ballcock nut × male ballcock thread tee, clamshell		C*	6	6	22.90 EA
		TUB/SHOWER VALVE					
660-TS	—	½" male sweat open end branch × ½" female sweat tee	✓	B	25	25	19.25 EA
660-TS8	—	½" x 8" stub out × ½" female sweat tee	✓	B	25	25	23.25 EA
660-TS88	—	½" x 8" double stub out × ½" female sweat tee	✓	B	25	25	27.75 EA
660-TSX	63	½" male sweat × ½" PEX F1807 crimp tee	✓	B	25	25	24.00 EA
660-TSX88	—	½" x 8" double stub out × ½" F1807 PEX tee	✓	B	25	25	31.00 EA
660-TSX7	64	½" FIP swivel × ½" F1807 PEX tee	✓	B	25	25	22.00 EA
660-TSV7	—	½" FIP swivel × ½" CPVC tee		B	25	25	23.00 EA



660-TSX7



660-TSV7

Mini-Rester™

Residential Water Hammer Arrester

PEX Tee

- Great for in-line PEX installation for quick closing faucets
- ASTM F1807 PEX Tee †
- ASTM F1960 PEX Tee †
- ASTM F2080 PEX Tee †

Compression Tee

- Install in-line on ice maker lines, lav or dishwasher supply tubes

Female Compression Tee

- Installs either between stub out and supply stop, or between supply stop and supply tube for faucets, dishwashers, toilets or ice makers


660-TW2


660-TX2B


660-TA2B


660-TB


660-TRB






Item No	Description	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	PEX TEE					
660-TW2	½" PEX cold expansion tee F1960		B	25	25	19.45 EA
660-TX1B	⅜" PEX crimp tee F1807		B	25	25	18.85 EA
660-TX1	⅜" PEX crimp tee F1807, clamshell		C*	6	6	20.35 EA
660-TX2B	½" PEX crimp tee F1807		B	25	25	17.25 EA
660-TX2	½" PEX crimp tee F1807, clamshell		C*	6	6	18.75 EA
660-TA2B	½" PEX cold expansion tee F2080		B	1	25	20.25 EA
	COMPRESSION TEE					
660-TC0B	¼" O.D. compression tee for ice maker tube		B	25	25	18.50 EA
660-TC0	¼" O.D. compression tee for ice maker tube, clamshell		C*	6	6	20.00 EA
660-TC1B	⅜" O.D. compression tee for supply tube		B	25	25	18.90 EA
660-TC1	⅜" O.D. compression tee for supply tube, clamshell		C*	6	6	20.40 EA
660-TB	⅝" O.D. compression tee for ½" nom. copper tube		B	25	25	17.75 EA
660-T	⅝" O.D. compression tee for ½" nom. copper tube, clamshell		C*	6	6	19.35 EA
660-GT	⅝" O.D. compression tee, no lead for ½" nom. copper tube, clamshell	✓	C*	6	6	25.60 EA
660-GTB	⅝" O.D. compression tee, no lead for ½" nom. copper tube, bulk	✓	B	25	25	24.00 EA
	FEMALE COMPRESSION TEE					
660-TR0B	¼" O.D. comp. × ¼" O.D. female comp.		B	25	25	18.25 EA
660-TR0	¼" O.D. comp. × ¼" O.D. female comp., clamshell		C*	1	6	19.75 EA
660-TR1B	⅜" O.D. comp. × ⅜" O.D. female comp.		B	25	25	17.75 EA
660-TR1	⅜" O.D. comp. × ⅜" O.D. female comp., clamshell		C*	6	6	19.25 EA
660-GTR1B	⅜" O.D. comp. × ⅜" O.D. female comp. no lead	✓	B	25	25	23.95 EA
660-GTR1	⅜" O.D. comp. × ⅜" O.D. female comp. no lead, clamshell	✓	C*	6	6	25.20 EA
660-TRB	⅝" O.D. comp. × ⅝" O.D. female comp.		B	25	25	18.25 EA
660-TR	⅝" O.D. comp. × ⅝" O.D. female comp., clamshell		C*	6	6	19.75 EA
660-GTRB	⅝" O.D. comp × ⅝" O.D. female comp. no lead	✓	B	25	25	24.45 EA
660-GTR	⅝" O.D. comp. × ⅝" O.D. female comp. no lead, clamshell	✓	C*	6	6	25.70 EA

† Note on ASTM PEX Fitting Standards:
ASTM F1807: PEX Barb Insert Fittings Utilizing a Copper Crimp Ring.
ASTM F1960: PEX Cold Expansion Fittings Utilizing a PEX Compression Ring.
ASTM F2080: PEX Cold Expansion Fittings Utilizing a Metal Compression Ring.

Hydra-Rester™

Commercial Water Hammer Arrester

- Certified by the American Society of Sanitary Engineering to the ANSI/ASSE 1010-2004 Standard
- Lifetime cycle tested at U.S. Testing Laboratories to withstand 10,000 shock cycles. Factory tested to withstand 500,000 cycles without failure (654-C tested)
- Hydra-Rester™ male sweat fittings are compatible with press-fitting systems, such as Viega ProPress™ and all push-fitting systems
- Allows for installation in 2 × 4 wall cavity
- Installs at any angle
- ASSE 1010 certified as a water hammer arrester that is "designed to provide continuous protection, without maintenance" allowing the Hydra-Rester to be installed without access panels

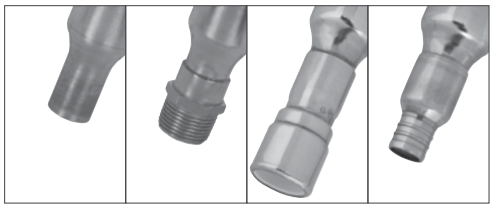


653-BS



653-B



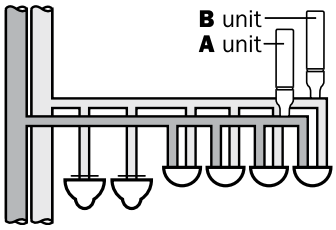


Available in four connection types, including new CPVC socket and PEX F1807.

SPECIFICATIONS †	
Maximum Working Temp	250°F
Safe Working Pressure for Pressure Testing	350 PSIG
Burst Tested	2,900 PSIG

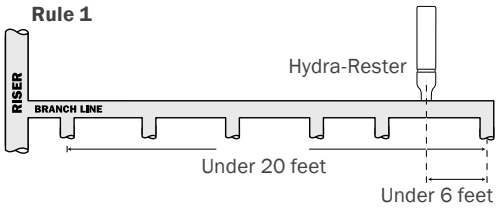
Item No	Conn. Size	Unit Size	Dimensions Length	Dimensions Width	Fixture Unit Value	Cubic Inch Volume	NO LEAD	Pkg	Min Qty	Case Qty	List Price
MIP THREAD											
652-A	½"	A	6½"	1⅜"	1–11	5	✓	B	1	16	17.90 EA
653-B	¾"	B	8¾"	1⅜"	12–32	7	✓	B	1	16	21.15 EA
654-C	1"	C	11"	1⅜"	33–60	11	✓	B	1	16	53.50 EA
655-D	1"	D	10⅛"	2⅛"	61–113	20	✓	B	1	4	70.50 EA
656-E	1"	E	12⅝"	2⅛"	114–154	29	✓	B	1	4	93.25 EA
657-F	1"	F	15⅛"	2⅛"	155–330	36	✓	B	1	4	140.00 EA
MALE SWEAT/PRESS FITTING											
652-AS	½"	A	8¼"	1⅜"	1–11	5	✓	B	1	16	18.40 EA
653-BS	¾"	B	10"	1⅜"	12–32	7	✓	B	1	16	21.50 EA
654-CS	1"	C	12½"	1⅜"	33–60	11	✓	B	1	16	53.10 EA
655-DS	1"	D	11"	2⅛"	61–113	20	✓	B	1	4	70.50 EA
656-ES	1"	E	13½"	2⅛"	114–154	29	✓	B	1	4	93.25 EA
657-FS	1"	F	16"	2⅛"	155–330	36	✓	B	1	4	140.00 EA
CPVC SOCKET ASTM D2846 †											
652-AC	½"	A	7½"	1⅜"	1–11	5	✓	B	1	16	20.25 EA
653-BC	¾"	B	9½"	1⅜"	12–32	7	✓	B	1	16	26.65 EA
654-CC	1"	C	12"	1⅜"	33–60	11	✓	B	1	16	61.90 EA
PEX CRIMP ASTM F1807 †											
652-AX	½"	A	6½"	1⅜"	1–11	5	✓	B	1	16	19.65 EA
653-BX	¾"	B	8¾"	1⅜"	12–32	7	✓	B	1	16	22.90 EA
654-CX	1"	C	11"	1⅜"	33–60	11	✓	B	1	16	53.50 EA

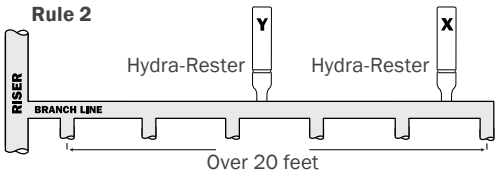
† NOTE: PEX and CPVC connection specifications are limited to those called out in their respective ASTM Standards for Fittings.



Cold Water
Equal to 26 fixture units
Requires B unit
Sioux Chief's 653-B
or 653-BS

Hot Water
Equal to 6 fixture units
Requires A unit
Sioux Chief 652-A
or 652-AS





Sizing and Placement

The fixture unit values shown in the table (below) represent the standard ratings used by engineers to size water distribution systems as well as water hammer arresters. Match fixture units in the table to the Hydra-Rester® with the corresponding fixture unit value (see previous page).

Multi-Fixture Branch Lines

Rule 1: Branch lines of 20 feet or less The Hydra-Rester should be placed at the end of the branch line within six feet of the last fixture served, as shown. Select required model using fixture unit sizing (above). Always place arrester within six feet of the last fixture.

Rule 2: Branch lines over 20 feet An additional Hydra-Rester (Y) should be placed as shown. The additional unit should be placed at the mid-point of the run longer than 20 feet. Select required model(s) using fixture unit sizing (above). The sum of the fixture unit ratings of units X and Y combined, shall be equal to or greater than the demand of all branches.

Long Runs of Piping to Remote Equipment

When long runs of piping serve remote equipment, Sioux Chief recommends custom sizing for each specific application. If you have such an application, fill out the arrester sizing form on the next page and fax it to us. Your specific job will be analyzed and calculated by our sizing program. The results will be sent to you, including the required arrester size and information on how to order.

Fixture	Type of Supply Control	Fixture Units					
		Public			Private		
		Total	C.W.	H.W.	Total	C.W.	H.W.
Water closet 1.66 PF	Flush valve	8	8	–	5	5	–
Water closet 1.66 PF	Flush tank	5	5	–	2.5	2.5	–
Pedestal urinal 1.06 PF	Flush valve	4	4	–	–	–	–
Stall or wall urinal	Flush valve	4	4	–	–	–	–
Stall or wall urinal	Flush tank	2	2	–	–	–	–
Lavatory	Faucet	2	1½	1½	1	1	1
Bathtub	Faucet	4	2	3	2	1½	1½
Shower head	Mixing valve	4	2	3	2	1	2
Bathroom group	Flush valve closet	–	–	–	8	8	3
Bathroom group	Flush tank closet	–	–	–	6	6	3
Separate shower	Mixing valve	–	–	–	2	1	2
Service sink	Faucet	3	3	3	–	–	–
Laundry tubs (1–3)	Faucet	–	–	–	3	3	3
Combination fixture	Faucet	–	–	–	3	3	3
Clothes Washer	Solenoid Valves	–	–	–	4	3	3
Dishwasher	Solenoid Valve	–	–	–	1.5	–	1.5
Ice Maker	Solenoid Valve	–	–	–	1	1	–

Residential Installations

For High-Flow Garden Tub Valves and Multi-Head Shower Valves, install 653-B Hydra-Resters on both hot and cold supply lines within six feet of the valve.

For Lawn Irrigation Zone Valves, on ¾" service lines, install one 653-B Hydra-Rester within six feet of each valve or group of valves. On a 1" service line, install one 654-C Hydra-Rester within six feet of each valve or group of valves.

WATER HAMMER ARRESTER CROSS REFERENCE

Manufacturer (Trade Name)	Arrester Size						
	AA	A	B	C	D	E	F
Sioux Chief (Mini-Rester, Hydra-Rester)	660 Series	652-A	653-B	654-C	655-D	656-E	657-F
Josam (Absorbotron)	–	75001	75002	75003	75004	75005	75006
J.R. Smith (Hydrotrol)	–	5005	5010	5020	5030	5040	5050
PPP (MM, SC Series)	MM-500 Series	SC500	SC750	SC1000	SC1250	SC1500	SC2000
Wade (Shokstop)	–	W-5	W-10	W-20	W-50	W-75	W-100
Watts (05, 15 Series)	05 Series	15–½"	15–¾"	15–1"	15–1¼"	15–1½"	15–2"
Wilkins (1250 Series)	–	1250-A	1250-B	1250-C	1250-D	1250-E	1250-F
Zurn (Shoktrol, Z1700 series)	–	100	200	300	400	500	600

Mega-Rester™

Industrial Water Hammer Arrester

Copper

- Dual o-ring piston lubricated with Dow 111 FDA approved silicone compound
- Cast brass flange, or wrought copper male thread fitting with lead-free solder joints
- 4" nominal Type L copper tube barrel
- 600 lb. (40 bar) liquid filled gauge
- Factory air charge

Stainless Steel

- Dual o-ring piston lubricated with Dow 111 FDA approved silicone compound
- Welded stainless steel flange or male thread fitting
- 4.25" O.D. 316 stainless steel barrel
- 600 lb. (40 bar) liquid filled gauge
- Factory air charge

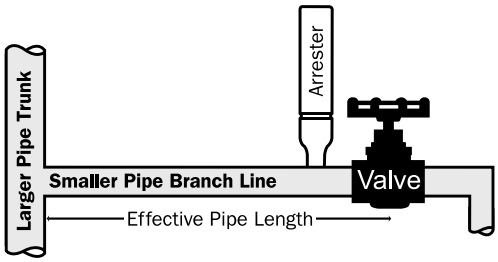


658-2004



658S4004F2

Item No	Connection Size & Type	Volume (in^3)	Height (in)	Pkg	Min Qty	Case Qty	List Price
		COPPER					
658-1503	3" MIP (ANSI B1.20.1)	150	23.25	B	1	1	1250.00 EA
658-2002	2" MIP (ANSI B1.20.1)	200	29.25	B	1	1	1310.00 EA
658-2004	4" MIP (ANSI B1.20.1)	200	24.50	B	1	1	1310.00 EA
658-4004	4" MIP (ANSI B1.20.1)	400	40.50	B	1	1	1690.00 EA
658-4004F2	4" Class 150 Flange (ANSI B16.24)	400	39.75	B	1	1	1760.00 EA
		STAINLESS STEEL					
658S2002	2" MIP (ANSI B1.20.1)	200	24.25	B	1	1	2950.00 EA
658S2004F2	4" Class 150 Flange (ANSI B16.24)	200	22.87	B	1	1	3490.00 EA
658S4004F2	4" Class 150 Flange (ANSI B16.24)	400	38.87	B	1	1	4250.00 EA



The effective pipe length runs from the valve, upstream to a trunk line, usually of larger diameter piping. The properly sized arrester should be placed upstream of the valve and as close to it as possible.

Arrester Sizing Service

Fax this completed form to Sioux Chief. Our expert sizing program will calculate exactly what size arrester is right for your project.

Nominal pipe size _____

Type of pipe _____

Effective pipe length _____

Flow pressure _____

Flow rate _____

Brief description of application _____

_____

_____

☐ This system is in design or under construction.
☐ This system is already in operation.

For existing systems, please check off the following lines that best describe your water hammer symptoms:

☐ Culprit valve creating hammer is at the end of pipe run.
☐ Culprit valve creating hammer is in the middle of pipe run.
☐ Hammer is heard when the culprit valve shuts off.
☐ Hammer is heard when the culprit valve is first opened.
☐ Hammer is heard as a continuous noise during flow.
☐ No hammer is heard, but significant pipe movement is noticed away from valve

Name _____

Company _____

Project name _____

Phone _____

Fax _____

Email _____

Fax this form to Sioux Chief at 1-800-758-5950 or 1-816-758-5950 (outside US). You may also email the above information to info@siouxchief.com. This Arrester Sizing Service form is available at www.siouxchief.com.

Vacu-Rester™

Vacuum Breaker Arrester

- To prevent cavitation and accompanying water hammer within the extra-long tub spout tubes and/or shower risers of high-flow fixtures, such as garden tub valves and multi-head shower valves
- Unlike atmospheric vacuum breaker devices that can leak or spit, the Vacu-Rester's™ "closed atmosphere" chamber serves as a short duration vacuum breaker without the chance of leaks
- Recommended by Kohler® Company for their high-flow tub valves such as their SOK™ series fixtures



652-AD

Installation

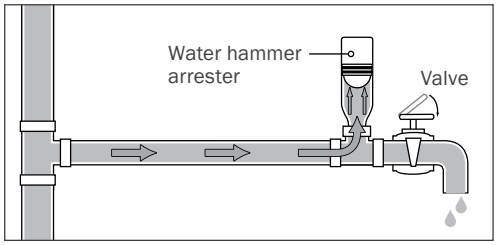
For high flow tub valves with long spout tubes, install 652-AD Vacu-Rester on spout tube, in between tub valve and spout, within one foot of the tub valve.

For high flow shower valves, install 652-AD Vacu-Rester on shower riser, in between shower valve and shower head, within one foot of the shower valve.

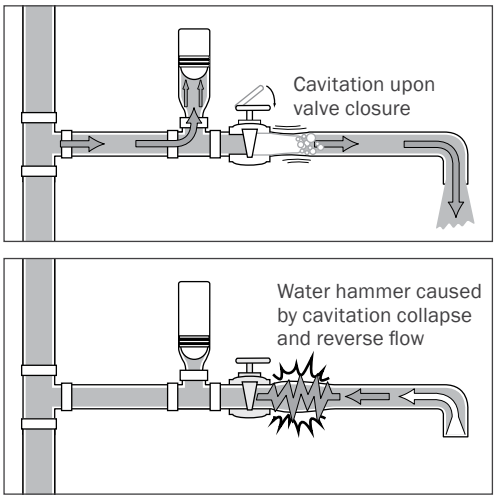
For high flow lines with shut-off valve in the middle of pipe run, install Vacu-Rester on non-pressure side, within one foot of shut-off valve. Pipe sizes ½" thru 1", install 652-AD. Pipe sizes 1¼" thru 3", install 657-FD.



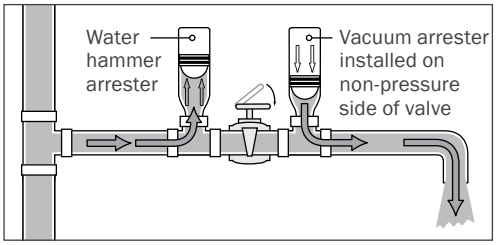
Regular water hammer with arrester.



Water Hammer caused by cavitation.



How the Vacu-Rester works.



The water column momentum draws the Vacu-Rester piston down, preventing a cavitation and reducing water hammer

Item No	Conn. Size	Dimensions		Pkg	Min Qty	Case Qty	List Price
		Length	Width				
MIP THREAD							
652-AD	½"	6½"	1⅜"	B	1	16	21.25 EA
657-FD	1"	15⅛"	2⅛"	B	1	4	142.00 EA

Prime Perfect™

Trap Primer Valve

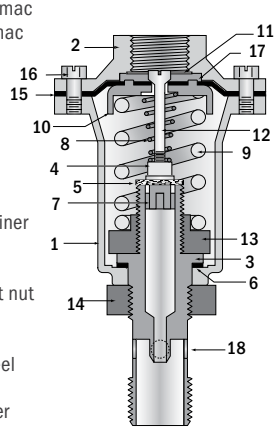


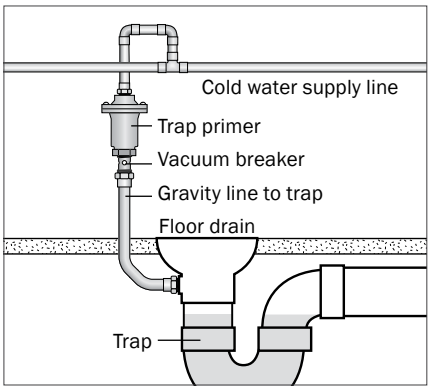
695-01

- Automatically activates to replenish evaporated water in floor drain traps to prevent the escape of sewer gases
- Large port openings in debris screen prevent clogging from sediment and debris
- Activates with a 10 PSIG pressure drop at operating pressure of 30–150 PSIG
- Water release is factory set 0.25 oz per activation, so no field adjustment is necessary
- Single trap primer can service up to eight traps using splitter and distributors
- Accepted by the Oregon State Board of Health, the Army Corps of Engineers, the City of Los Angeles and engineers all over the U.S.
- UPC/IAPMO listed
- Certified by the American Society of Sanitary Engineering to the ASSE 1018 Standard
- Brass-plated cap and body

COMPONENTS

1 Body: Brass-plated Zamac
2 Cap: Brass-plated Zamac
3 Brass nipple
4 Valve stem nut
5 Rubber valve disc
6 Nipple seat washer
7 Valve stem guide
8 Valve stem spring
9 Diaphragm spring
10 Diaphragm spring retainer
11 Sediment screen
12 Valve stem
13 Diaphragm adjustment nut
14 Nipple locknut
15 Diaphragm
16 Hex head stainless steel screws
17 Diaphragm stop washer
18 Vacuum breaker





Installation

Install to a convenient cold water line, ½"–1½" (12–40 mm) in diameter, nearest the trap or traps to be served. Install in an accessible location. Install in the upright, vertical position only. Install at least 5" (152 mm) above the grid of the floor drain or the flood rim of the sink or fixture which the trap serves. Install near plumbing fixtures to insure a full pressure drop of 10 PSI or more. If trap primer is installed too far upstream in the system, the pressure drop may not be enough for activation. To help prevent sediment buildup, install a vertical loop that rises above the supply line tee. (See illustration above.) Flush trap primer branch line prior to installing the trap primer. Install MIP adapter. Thread on trap primer. Install FIP union to bottom. Use PTFE tape sealant on both connections. Do not use pipe dope. Do not solder or braze directly to trap primer or fittings installed in trap primer. Water discharge is factory set—no adjustment is required on normal installations. However, for static pressures over 100 PSI, adjustments may be necessary. First loosen the nipple locknut, then turn the nipple counter clockwise until the trap primer starts dripping, turn the nipple clockwise ¼ turn and re-tighten nipple locknut.

SPEC SHEET

Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-01	Prime Perfect trap primer valve	B*	1	24	69.10 EA

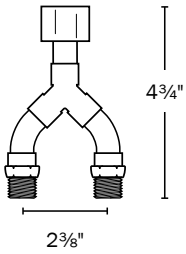
Splitters

Wye Splitter

- ½" FIP swivel connection
- Use with trap primer distributors (below) to service up to eight traps from a single trap primer



695-Y52



Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-Y52	Two ½" MIP branches	B	1	10	41.50 EA

Splitters

Distributor

- ½" FIP swivel connection
- Available with two, three or four flexible copper branches
- Evenly distributes water to each branch every time



695-D20



695-D4325

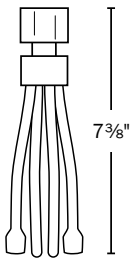


695-D432



695-D432F

Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-D20	Two ¼" male sweat branches	B	1	16	22.72 EA
695-D30	Three ¼" male sweat branches	B	1	16	24.72 EA
695-D40	Four ¼" male sweat branches	B	1	16	27.22 EA
695-D432	Two ¼" male sweat branches Two spin-closed branches	B	1	16	27.22 EA
695-D432F	Four ½" FIP branches with two plugs	B	1	10	45.22 EA
695-D4325	Two ½" female sweat branches Two spin-closed branches	B	1	16	27.22 EA



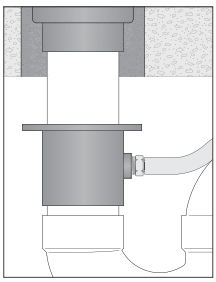
Trap Primer Adapter

Sch. 40 Hub with ½" FIP Port



695-3P

- Faster and more professional installation of trap primer supply
- Allows trap primer inlet to be positioned anywhere on the vertical waste line above the trap
- Universal ½" FIP thread trap primer supply connection
- Accommodates supply lines from any direction



Trap primer adapter solvent welds in the vertical waste line, typically just above the trap to be served. Adapter keeps the trap primer supply line out of the concrete when necessary.

ABS Item No	PVC Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-2A	695-2P	2" Sch. 40 hub adapter with ½" FIP port	B	1	10	15.00 EA
695-3A	695-3P	3" Sch. 40 hub adapter with ½" FIP port	B	1	10	17.00 EA
695-4A	695-4P	4" Sch. 40 hub adapter with ½" FIP port	B	1	10	20.00 EA

Trap-Ease™

Trap Primer Tailpiece



200-092



213-090

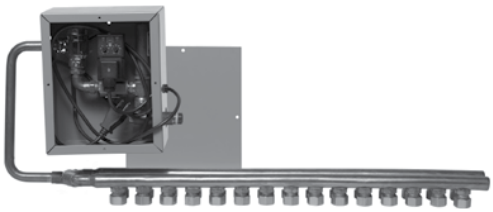
- Gravity feed, no mechanical parts
- Replenishes water in floor drain traps to prevent the escape of sewer gases
- ½" nominal branch connection
- Certified by the American Society of Sanitary Engineering to ASSE 1044
- UPC/IAPMO listed
- Eco-friendly means of trap priming

Item No	Dimensions	Tubular Connection	Gauge	Finish	Pkg	Min Qty	Case Qty	List Price
200-090	1½" × 8"	direct connect	22	unfinished	B	25	25	17.70 EA
200-092	1½" × 8"	direct connect	22	chrome	B	25	25	20.70 EA
213-090	1¼" × 6"	fine thread	20	unfinished	B	25	25	16.77 EA
213-092	1¼" × 6"	fine thread	20	chrome	B	25	25	19.77 EA

NEW ETP

Electronic Trap Primer – Surface Mount Box & Panel

- Service multiple traps with a single primer
- Perfect for utility room installation and easy access to supply lines
- Complete with Mini-Rester™, shutoff, vacuum breaker and solenoid
- Made in the USA
- Made per order



695-ES30

Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-ES05	5 Port	B	1	1	1,130.00 EA
695-ES10	10 Port	B	1	1	1,230.00 EA
695-ES15	15 Port	B	1	1	1,330.00 EA
695-ES20	20 Port	B	1	1	1,430.00 EA
695-ES30	30 Port	B	1	1	1,475.00 EA

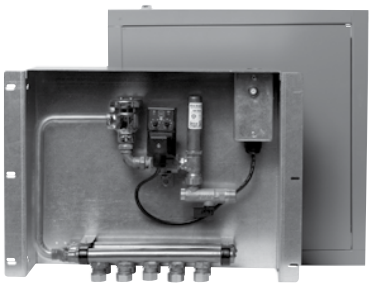
SPEC SHEET

ASSE 1044

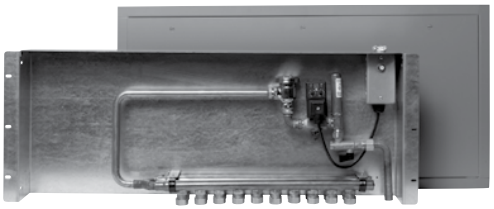
NEW ETP

Electronic Trap Primer – Recessed Box & Panel

- Service multiple traps with a single primer
- Perfect for utility room installation and easy access to supply lines
- Complete with Mini-Rester™, shutoff, vacuum breaker and solenoid
- Made in the USA
- Made per order



695-ER10



695-ER20

Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-ER05	5 Port	B	1	1	1,175.00 EA
695-ER10	10 Port	B	1	1	1,275.00 EA
695-ER15	15 Port	B	1	1	1,375.00 EA
695-ER20	20 Port	B	1	1	1,500.00 EA
695-ER30	30 Port	B	1	1	1,530.00 EA

SPEC SHEET

ASSE 1044



695-ES01

NEW ETP

Electronic Trap Primer

- Great for up to 8 drains
- Perfect as a remote drain & trap protection supply line
- Integral vacuum breaker and adjustable solenoid for varied water distribution

SPEC SHEET

ASSE 1044

Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-ES01	Electronic trap primer surface mount	B	1	1	253.00 EA

Mini-Rester™

See page 226

- May be installed at any angle
- All Mini-Resters are approved for sealed wall installations with no access panel required
- MIP thread arresters install on any new rough-in or retrofit installation with ½" FIP fittings
- All Mini-Resters are AA size



CONSIDER SIOUX CHIEF AS YOUR
ROUGH PLUMBING ARMORY
TOGETHER, WE WILL TAKE THE FIELD.

SUPPLY > ARRESTERS & PRIMERS > Mini-Rester

ACCESS

LAUNDRY BOXES
Non-Arrester
Arrester
Fire-Rated

ICE MAKER BOXES
Non-Arrester
Arrester
Fire-Rated

LAVATORY BOXES
Non-Arrester
Arrester
Fire-Rated

TOILET/DISHWASHER BOXES
Non-Arrester
Arrester
Fire-Rated

GAS BOXES
Fire-Rated

ACCESSORIES
Frames
Metal Frames
Metal Locking Door
Frame Inserts
Boxes
Extensions
Box Clip
Shank Nut
Outlet Caps
Sliding Support Bracket
Valves

PANELS
Plastic
Metal



Ox Box™
Washing Machine Outlet Box
p 243



Ox Box™
Washing Machine Outlet Box with Mini-Rester
p 244



Ox Box™
Ice Maker Outlet Box
p 245



Ox Box™
Ice Maker Outlet Box with Mini-Rester
p 246



Ox Box™
Lavatory Outlet Box
p 247



Ox Box™
Lavatory Outlet Box with Mini-Rester
p 247



Ox Box™
Toliet/Dishwasher Outlet Box
p 248



Ox Box™
Toliet/Dishwasher Outlet Box with Mini-Rester
p 248



Fire-Rated Ox Box™
Washing Machine Outlet Box
p 249



Fire-Rated Ox Box™
Washing Machine Outlet Box with Mini-Rester
p 250



Fire-Rated Ox Box™
Ice Maker Outlet Box
p 250



Fire-Rated Ox Box™
Ice Maker Outlet Box with Mini-Rester
p 251



Fire-Rated Ox Box™
Lavatory Outlet Box
p 251



Fire-Rated Ox Box™
Toliet/Dishwasher Outlet Box
p 252



Ox Box™
Gas Valve Outlet Box
p 252



Ox Box™
ONE
p 253



SpecBox™
Shallow Stainless Steel Supply Access Box
p 256



Access Box Valves
Laundry Long-Shank Valves
p 257

Over/Under™ Access Panel
Two Piece
p 258



Metal Access Panel
Hinged Two Piece
p 259

Ox Box™

Outlet Box

Patent #7,360,553 & #7,735,511

- **Strong**: Over the stud application offers the industry's strongest installation
- **Fast**: Installation times are cut in half
- **Flexible**: Separate boxes offer endless configuration options
- **Durable**: ABS material stands up to job site abuse
- **Approvals**:
  - Standard packaged Ox Box™ kits are UPC listed.
  - Fire-Rated Ox Box kits are Warnock Hersey Certified.
  - Valves comply with ASME A112.18.1



Build Item Numbers

- Items not listed within this catalog can be custom built with a minimum order of 30 units

696	–	2	3	1	3	X	F	
Series	A	B	C	D	E	F	G	H

A **Special Standards**
- **–** Standard product
- **R** Fire-rated package with intumescent pads and fire-rated frame
- **–G** Supplied valves are no lead alloy 693 with low zinc
- **RG** Supplied valves are no lead alloy 693 with low zinc and packaged with intumescent pad and fire-rated frame

B **Supply Box Options**
- **1** Single-hole Ox Box
- **2** Double-hole Ox Box

C **Drain Box Options**
- **0** No drain box included
- **3** Drain box included
- **4** Supply box with drain

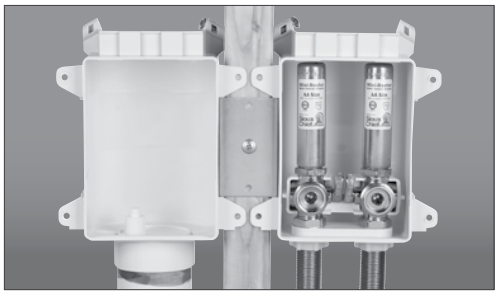
D **Valve and Arrester Options**
- **0** No water hammer arresters on valves
- **1** Water hammer arresters on valves
- **2** Accessible, integral, secondary stop on valves

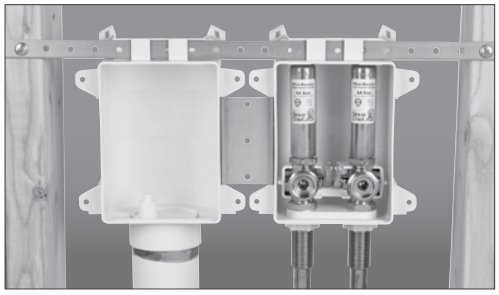
E **Outlet Options**
- **0** ¼" compression connection
- **1** ⅜" compression connection
- **3** ¾" male hose thread connection

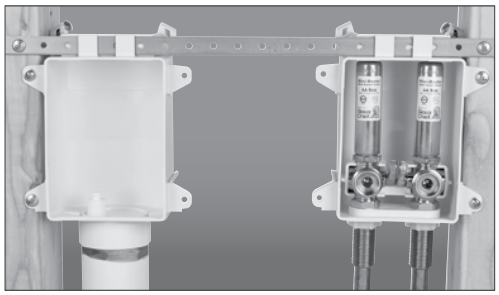
F **Inlet Options**
- **A** ½" F2080 PEX
- **C** ½" male CPVC
- **M** ½" female sweat
- **V** ½" Viega® PEX Press®
- **W** ½" F1960 PEX
- **X** ½" F1807 PEX

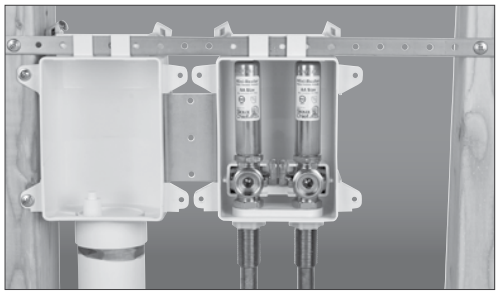
G **Frame Options**
- **F** Frames included
- **R** Rough-in package, frames sold separately

H **Extra Options**
- **—** None
- **26** Includes 26" galvanized support bracket
- **S** Includes 72"-long, ¼" stainless steel hose
- **PK4** Retail box

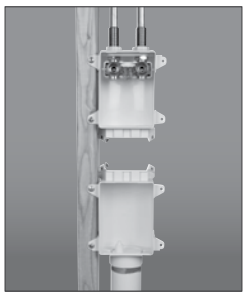


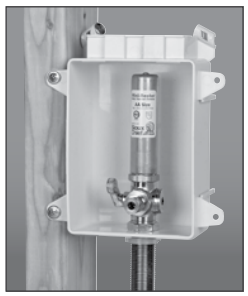












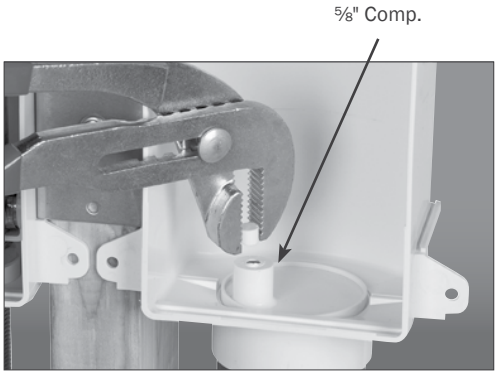
Ox Box™

Supply Box

- Choose from valves with or without Mini-Rester™ water hammer arresters
- The Ox Box™ supply box is available in many connections
  - Female sweat
  - CPVC
  - PEX F1807 †
  - PEX F1960 †
  - PEX F2080 †
  - Viega® PEX Press® †
- All valve options offered with dual-handle functionality and single-handle look

Drain Box

- The Ox Box drain box includes an integrated test nipple. Pinch and twist the nipple, and the system is ready to test using a 5/8" compression × air or water inlet test device.

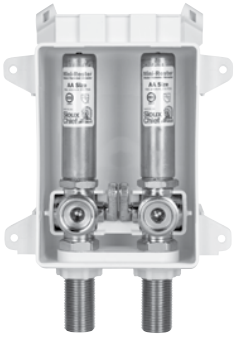


No Lead Compliant Products

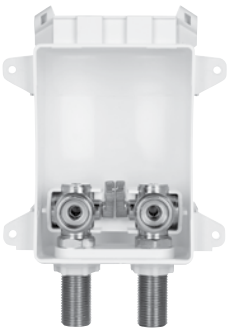
Ox Box product is available with valves made from no lead alloy C69300 (non-bismuth) brass. This alloy is additionally low in zinc to protect against aggressive water conditions.

NO LEAD

Products marked with this "No Lead" icon comply with national, no lead product material requirements and also comply with NSF 61, which allows the product to contain no more than 0.25% lead.



Mini-Rester
Water Hammer Arrester
¼-Turn Ball Valves



¼-Turn Ball Valves

- The drain knockout easily removes in one piece, and will not fall down the drain





½" Female sweat



½" CPVC



½" PEX F1807



½" PEX F1960



½" PEX F2080



½" Viega PEX Press

† Note on ASTM PEX Fitting Standards:
ASTM F 1807: PEX Barb Insert Fittings Utilizing a Copper Crimp Ring.
ASTM F 1960: PEX Cold Expansion Fittings Utilizing a PEX Compression Ring.
ASTM F 2080: PEX Cold Expansion Fittings Utilizing a Metal Compression Ring.
Viega PureFlow PEX Press® fittings: Viega PEX Press Sleeve provided to connect PEX tubing to a Viega PEX Press fitting.

Ox Box™

Washing Machine Outlet Box

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Separate boxes offer flexible layout
- Durable ABS stands up to job site abuse
- Drain knockout is easy to remove with pliers
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves
- ¾" male hose-thread outlet connections

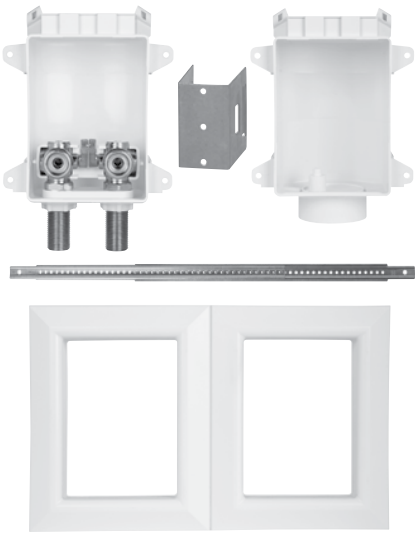


The debris cover protects valves from drywall mud and paint during construction.

Related Products
Frames for Rough-in Packs *p 254*

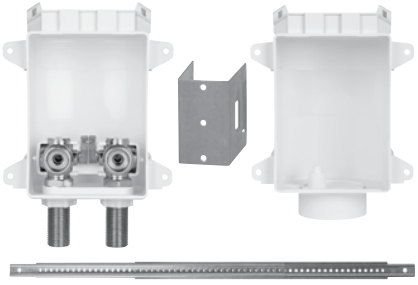
Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696-2303MF	½" female sweat		B*	10	10	34.71 EA
696-2303CF	½" CPVC male		B*	10	10	35.31 EA
696-2303XF	½" PEX F1807		B*	10	10	35.81 EA
696-2303WF	½" PEX F1960		B*	10	10	38.21 EA
696-2303AF	½" PEX F2080		B*	10	10	46.21 EA
696-2303VF	½" Viega PEX Press		B*	10	10	41.01 EA
696-G2303MF	½" female sweat, no lead	✓	B*	10	10	65.71 EA
696-G2303CF	½" CPVC male, no lead	✓	B*	10	10	66.31 EA
696-G2303XF	½" PEX F1807, no lead	✓	B*	10	10	66.81 EA
696-G2303WF	½" PEX F1960, no lead	✓	B*	10	10	69.21 EA
ROUGH-IN PACK						
696-2303MR	½" female sweat		B*	10	10	32.21 EA
696-2303CR	½" CPVC male		B*	10	10	32.81 EA
696-2303XR	½" PEX F1807		B*	10	10	33.31 EA
696-2303WR	½" PEX F1960		B*	10	10	35.71 EA
696-2303AR	½" PEX F2080		B*	10	10	43.71 EA
STANDARD PACK BAR-CODED IN DISPLAY BOX						
696-2303MFPK4	½" female sweat		B*	4	4	41.46 EA
696-2303CFPK4	½" CPVC male		B*	4	4	42.06 EA
696-2303XFPK4	½" PEX F1807		B*	4	4	42.56 EA
696-G2303MFPK4	½" female sweat, no lead	✓	B*	4	4	72.46 EA
696-G2303CFPK4	½" CPVC male, no lead	✓	B*	4	4	73.06 EA
696-G2303XFPK4	½" PEX F1807, no lead	✓	B*	4	4	73.56 EA
INTEGRAL SECONDARY STOP VALVES STANDARD PACK						
696-2323MF	½" female sweat		B*	10	10	69.79 EA

Standard Pack



696-2303MF

Rough-in Pack

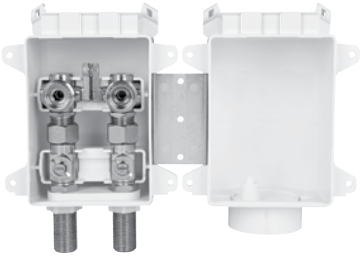


Order frames separately. 696-2303MR

Display Box



696-2303MFPK4



696-2323MF

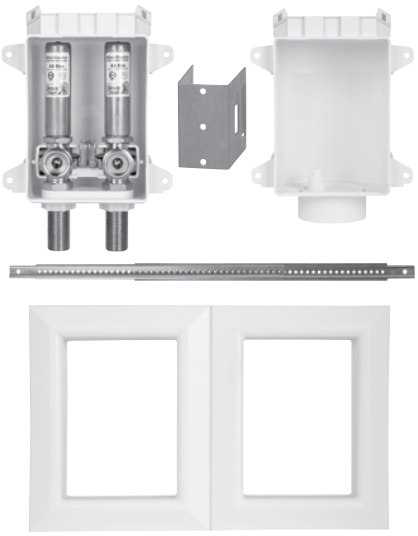
Ox Box™

Washing Machine Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

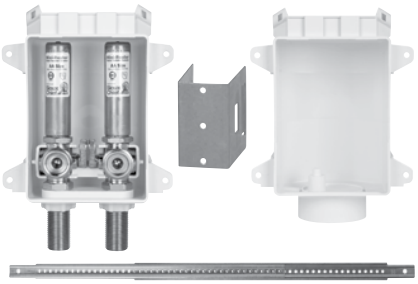
- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Separate boxes offer flexible layout
- Durable ABS stands up to job site abuse
- Drain knockout is easy to remove with pliers
- With two Mini-Rester water hammer arresters
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves
- ¾" male hose-thread outlet connections

Standard Pack



696-2313MF

Rough-in Pack



Order frames separately. 696-2313MR

Display Box



696-2313MFPK4



The debris cover protects valves from drywall mud and paint during construction.

Related Products
Frames for Rough-in Packs *p 254*

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	STANDARD PACK					
696-2313MF	½" female sweat		B*	10	10	61.71 EA
696-2313CF	½" CPVC male		B*	10	10	62.31 EA
696-2313XF	½" PEX F1807		B*	10	10	62.81 EA
696-2313WF	½" PEX F1960		B*	10	10	65.21 EA
696-2313AF	½" PEX F2080		B*	10	10	73.21 EA
696-2313VF	½" Viega PEX Press		B*	10	10	68.01 EA
696-G2313MF	½" female sweat, no lead	✓	B*	10	10	94.71 EA
696-G2313CF	½" CPVC male, no lead	✓	B*	10	10	95.31 EA
696-G2313XF	½" PEX F1807, no lead	✓	B*	10	10	95.81 EA
696-G2313WF	½" PEX F1960, no lead	✓	B*	10	10	98.21 EA
	ROUGH-IN PACK					
696-2313MR	½" female sweat		B*	10	10	59.21 EA
696-2313CR	½" CPVC male		B*	10	10	59.81 EA
696-2313XR	½" PEX F1807		B*	10	10	60.31 EA
696-2313WR	½" PEX F1960		B*	10	10	62.71 EA
696-2313AR	½" PEX F2080		B*	10	10	70.71 EA
696-G2313CR	½" CPVC male		B*	10	10	92.81 EA
	ROUGH-IN PACK WITH 26" BAR					
696-2313MR26	½" female sweat		B*	10	10	59.71 EA
696-2313CR26	½" CPVC male		B*	10	10	60.31 EA
696-2313XR26	½" PEX F1807		B*	10	10	60.81 EA
	STANDARD PACK BAR-CODED IN DISPLAY BOX					
696-2313MFPK4	½" female sweat		B*	4	4	68.46 EA
696-2313CFPK4	½" CPVC male		B*	4	4	69.06 EA
696-2313XFPK4	½" PEX F1807		B*	4	4	69.56 EA
696-G2313MFPK4	½" female sweat, no lead	✓	B*	4	4	101.46 EA
696-G2313CFPK4	½" CPVC male, no lead	✓	B*	4	4	102.06 EA
696-G2313XFPK4	½" PEX F1807, no lead	✓	B*	4	4	102.56 EA

Ox Box™

Ice Maker Outlet Box

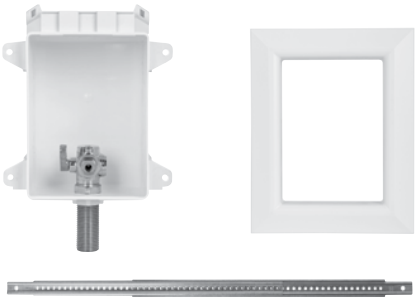
Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Durable ABS stands up to job site abuse
- Box mounts easily to stud for top or bottom supply
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valve
- ¼" O.D. compression outlet connection



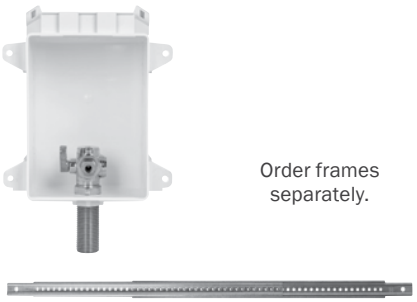
The debris cover protects valves from drywall mud and paint during construction.

Standard Pack



696-1000MF

Rough-in Pack



Order frames separately.

696-1000MR

Standard Pack with Stainless Steel Hose



696-1000MFS

Display Box



696-1000MFPK4

Related Products
Frame for Rough-in Packs *p 254*

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696-1000MF	½" female sweat		B*	10	10	19.33 EA
696-1000CF	½" CPVC male		B*	10	10	19.63 EA
696-1000XF	½" PEX F1807		B*	10	10	19.88 EA
696-1000WF	½" PEX F1960		B*	10	10	21.08 EA
696-1000AF	½" PEX F2080		B*	10	10	25.08 EA
696-1000VF	½" Viega PEX Press		B*	10	10	22.48 EA
696-G1000MF	½" female sweat, no lead	✓	B*	10	10	35.33 EA
696-G1000CF	½" CPVC male, no lead	✓	B*	10	10	35.63 EA
696-G1000XF	½" PEX F1807, no lead	✓	B*	10	10	35.88 EA
696-G1000WF	½" PEX F1960, no lead	✓	B*	10	10	37.08 EA
ROUGH-IN PACK						
696-1000MR	½" female sweat		B*	10	10	17.33 EA
696-1000CR	½" CPVC male		B*	10	10	17.63 EA
696-1000XR	½" PEX F1807		B*	10	10	17.88 EA
696-1000WR	½" PEX F1960		B*	10	10	19.08 EA
696-1000AR	½" PEX F2080		B*	10	10	23.08 EA
696-G1000MR	½" female sweat, no lead	✓	B*	10	10	33.33 EA
696-G1000CR	½" CPVC male, no lead	✓	B*	10	10	33.63 EA
696-G1000XR	½" PEX F1807, no lead	✓	B*	10	10	33.88 EA
STANDARD PACK WITH 72" STAINLESS STEEL HOSE						
696-1000MFS	½" female sweat		B*	10	10	26.33 EA
696-1000CFS	½" CPVC male		B*	10	10	26.63 EA
696-1000XFS	½" PEX F1807		B*	10	10	26.88 EA
INDIVIDUALLY BAR-CODED IN DISPLAY BOX						
696-1000MFPK4	½" female sweat		B*	5	5	26.08 EA
696-G1000MFPK4	½" female sweat, no lead	✓	B*	5	5	42.08 EA

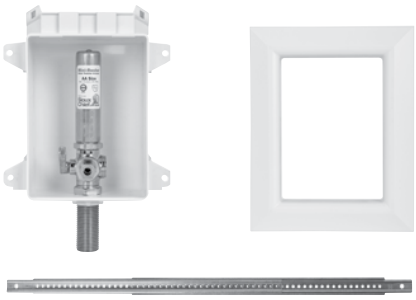
Ox Box™

Ice Maker Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

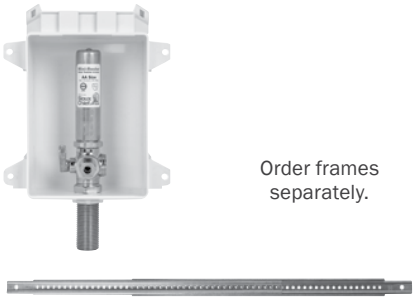
- Boxes mount securely to stud or over studs
- Durable ABS stands up to job site abuse
- With Mini-Rester water hammer arrester
- Box mounts easily to stud for top or bottom supply
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valve
- ¼" O.D. compression outlet connection

Standard Pack



696-1010MF

Rough-in Pack



Order frames separately.

696-1010MR

Standard Pack with Stainless Steel Hose



696-1010MFS

Display Box



696-1010MFPK4



The debris cover protects valves from drywall mud and paint during construction.

Related Products

Frame for Rough-in Packs *p 254*

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
	STANDARD PACK					
696-1010MF	½" female sweat		B*	10	10	35.83 EA
696-1010CF	½" CPVC male		B*	10	10	36.13 EA
696-1010XF	½" PEX F1807		B*	10	10	36.38 EA
696-1010WF	½" PEX F1960		B*	10	10	37.58 EA
696-1010AF	½" PEX F2080		B*	10	10	41.58 EA
696-1010VF	½" Viega PEX Press		B*	10	10	38.98 EA
696-G1010MF	½" female sweat, no lead	✓	B*	10	10	52.83 EA
696-G1010CF	½" CPVC male, no lead	✓	B*	10	10	53.13 EA
696-G1010XF	½" PEX F1807, no lead	✓	B*	10	10	53.38 EA
696-G1010WF	½" PEX F1960, no lead	✓	B*	10	10	54.58 EA
	ROUGH-IN PACK					
696-1010MR	½" female sweat		B*	10	10	33.83 EA
696-1010CR	½" CPVC male		B*	10	10	34.13 EA
696-1010XR	½" PEX F1807		B*	10	10	34.38 EA
696-1010WR	½" PEX F1960		B*	10	10	35.58 EA
696-1010AR	½" PEX F2080		B*	10	10	39.58 EA
696-G1010MR	½" female sweat, no lead	✓	B*	10	10	50.83 EA
696-G1010CR	½" CPVC male, no lead	✓	B*	10	10	51.13 EA
696-G1010XR	½" PEX F1807, no lead	✓	B*	10	10	51.38 EA
	STANDARD PACK WITH 72" STAINLESS STEEL HOSE					
696-1010MFS	½" female sweat		B*	10	10	42.83 EA
696-1010CFS	½" CPVC male		B*	10	10	43.13 EA
696-1010XFS	½" PEX F1807		B*	10	10	43.38 EA
	ROUGH-IN PACK WITH 26" BAR					
696-1010MR26	½" female sweat		B*	10	10	34.33 EA
696-1010CR26	½" CPVC male		B*	10	10	34.63 EA
696-1010XR26	½" PEX F1807		B*	10	10	34.88 EA
	INDIVIDUALLY BAR-CODED IN DISPLAY BOX					
696-1010MFPK4	½" female sweat		B*	5	5	42.58 EA
696-G1010MFPK4	½" female sweat, no lead	✓	B*	5	5	59.58 EA
696-G1010XFPK4	½" PEX F1807, no lead	✓	B*	5	5	60.13 EA

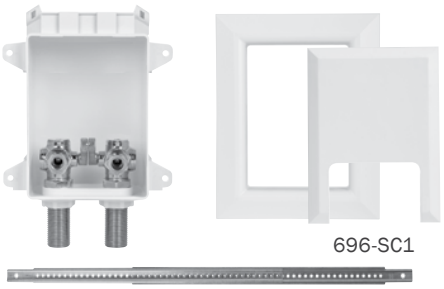
Ox Box™

Lavatory Outlet Box

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with 3/8" O.D. compression outlet connections

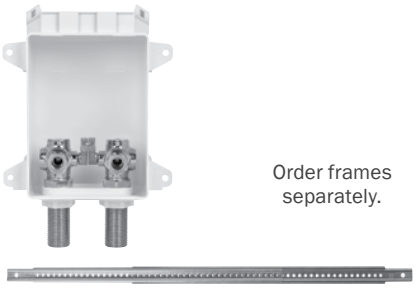
Standard Pack



696-SC1

696-2001MF

Rough-In Pack



Order frames separately.

696-2001MR

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696-2001MF	½" female sweat		B*	10	10	33.69 EA
696-2001CF	½" CPVC male		B*	10	10	34.29 EA
696-2001XF	½" PEX F1807		B*	10	10	34.79 EA
696-2001WF	½" PEX F1960		B*	10	10	37.19 EA
696-2001AF	½" PEX F2080		B*	10	10	45.19 EA
696-G2001MF	½" female sweat, no lead	✓	B*	10	10	64.69 EA
696-G2001CF	½" CPVC male, no lead	✓	B*	10	10	65.29 EA
696-G2001XF	½" PEX F1807, no lead	✓	B*	10	10	65.79 EA
696-G2001WF	½" PEX F1960, no lead	✓	B*	10	10	68.19 EA
ROUGH-IN PACK						
696-2001MR	½" female sweat		B*	10	10	31.69 EA
696-2001CR	½" CPVC male		B*	10	10	32.29 EA
696-2001XR	½" PEX F1807		B*	10	10	32.79 EA

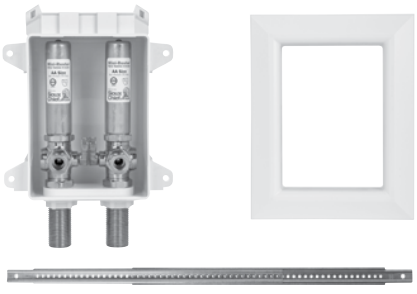
Ox Box™

Lavatory Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with 3/8" O.D. compression outlet connections

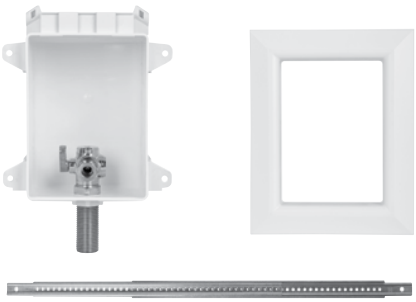
Standard Pack



696-2011MF

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696-2011MF	½" female sweat		B*	10	10	60.69 EA
696-2011CF	½" CPVC male		B*	10	10	61.29 EA
696-2011XF	½" PEX F1807		B*	10	10	61.79 EA
696-2011WF	½" PEX F1960		B*	10	10	64.19 EA
696-G2011MF	½" female sweat, no lead	✓	B*	10	10	93.69 EA
696-G2011CF	½" CPVC male, no lead	✓	B*	10	10	94.29 EA
696-G2011XF	½" PEX F1807, no lead	✓	B*	10	10	94.79 EA
696-G2011WF	½" PEX F1960, no lead	✓	B*	10	10	97.19 EA

Standard Pack



696-1001MF

Ox Box™

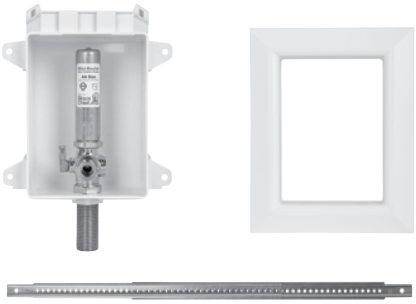
Toilet/Dishwasher Outlet Box

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with 3/8" O.D. compression outlet connection

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696-1001MF	½" female sweat		B*	10	10	19.33 EA
696-1001CF	½" CPVC male		B*	10	10	19.63 EA
696-1001XF	½" PEX F1807		B*	10	10	19.88 EA
696-1001WF	½" PEX F1960		B*	10	10	21.08 EA
696-1001AF	½" PEX F2080		B*	10	10	25.08 EA
696-G1001MF	½" female sweat, no lead	✓	B*	10	10	35.33 EA
696-G1001CF	½" CPVC male, no lead	✓	B*	10	10	35.63 EA
696-G1001XF	½" PEX F1807, no lead	✓	B*	10	10	35.88 EA
696-G1001WF	½" PEX F1960, no lead	✓	B*	10	10	37.08 EA

Standard Pack



696-1011MF

Ox Box™

Toilet/Dishwasher Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Allows for straight and secure supply stops recessed into the wall
- Eliminates backbreaking labor of cleaning stub outs and installing supply stops
- Debris covers included to protect boxes from drywall mud and paint
- High-quality quarter-turn ball valves with 3/8" O.D. compression outlet connection

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696-1011MF	½" female sweat		B*	10	10	35.83 EA
696-1011CF	½" CPVC male		B*	10	10	36.13 EA
696-1011XF	½" PEX F1807		B*	10	10	36.38 EA
696-1011WF	½" PEX F1960		B*	10	10	37.58 EA
696-1011AF	½" PEX F2080		B*	10	10	41.58 EA
696-G1011MF	½" female sweat, no lead	✓	B*	10	10	52.83 EA
696-G1011CF	½" CPVC male, no lead	✓	B*	10	10	53.13 EA
696-G1011XF	½" PEX F1807, no lead	✓	B*	10	10	53.38 EA
696-G1011WF	½" PEX F1960, no lead	✓	B*	10	10	54.58 EA

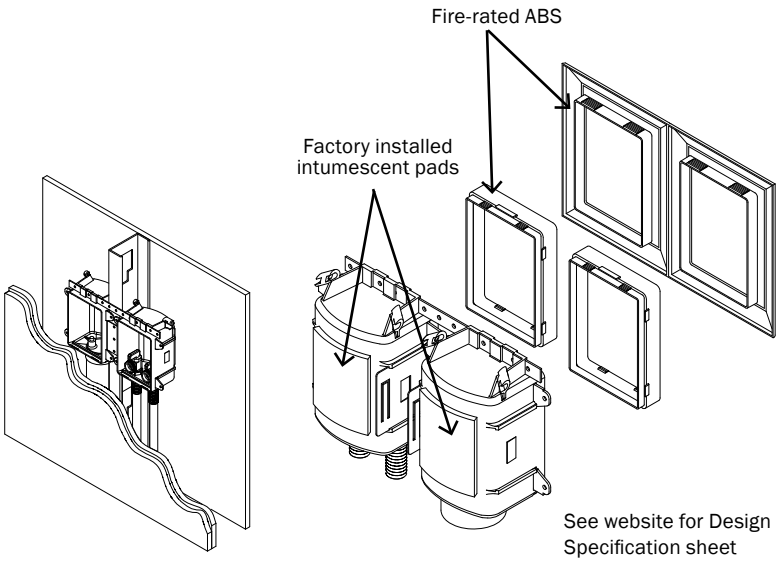
Fire-Rated Ox Box™

Outlet Box

Patent #7,360,553 & #7,735,511

- Over-the-stud installation or separate stud installation is required, see instructions
- Warnock Hersey Certified
- Constructed using fire-retardant plastic resin
- Over-the-stud installation is the quickest, easiest, strongest, and carries the highest rated fire certification in the industry
- Debris covers included to protect boxes from drywall mud and paint





See website for Design Specification sheet

The Fire-Rated Ox Box™ is certified by Intertek/Warnock Hersey to the following Fire Rating Standards:

ASTM E-814

2 hours (F), 1½ hours (T) for 2-hour design

1 hour (F), 31 min (T) for 1-hour design

CAN/ULC S115

2 hours (F), 1½ hours (T) for 2-hour design

1 hour (F), 31 min (T) for 1-hour design

ASTM E119

UL 1479

INTERTEK C Warnock Hersey US

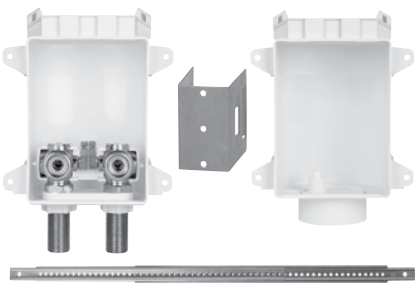
Fire-Rated Ox Box™

Washing Machine Outlet Box

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Drain knockout is easy to remove with pliers
- Supply lines can be mounted from above or below
- High-quality quarter-turn ball valves
- ¾" male hose-thread outlet connections

Standard Pack





696R2303MF

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696R2303MF	½" female sweat		B*	10	10	78.93 EA
696R2303CF	½" CPVC male		B*	10	10	79.53 EA
696R2303XF	½" PEX F1807		B*	10	10	80.03 EA
696R2303WF	½" PEX F1960		B*	10	10	82.43 EA
696R2303AF	½" PEX F2080		B*	10	10	90.43 EA
696RG2303MF	½" female sweat, no lead	✓	B*	10	10	109.93 EA
696RG2303CF	½" CPVC male, no lead	✓	B*	10	10	110.53 EA
696RG2303XF	½" PEX F1807, no lead	✓	B*	10	10	111.03 EA
696RG2303WF	½" PEX F1960, no lead	✓	B*	10	10	113.43 EA

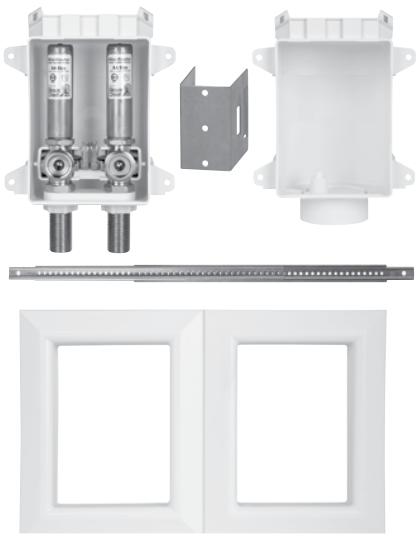
Fire-Rated Ox Box™

Washing Machine Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Separates supply and drainage systems into two stud bays
- Supply lines can be mounted from above or below
- High-quality quarter-turn ball valves with ¾" male hose-thread outlet connections

Standard Pack



696R2313MF

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696R2313MF	½" female sweat		B*	10	10	105.93 EA
696R2313CF	½" CPVC male		B*	10	10	106.53 EA
696R2313XF	½" PEX F1807		B*	10	10	107.03 EA
696R2313WF	½" PEX F1960		B*	10	10	109.43 EA
696R2313AF	½" PEX F2080		B*	10	10	117.43 EA
696R2313VF	½" Viega PEX Press		B*	10	10	112.23 EA
696RG2313MF	½" female sweat, no lead	✓	B*	10	10	138.93 EA
696RG2313CF	½" CPVC male, no lead	✓	B*	10	10	139.53 EA
696RG2313XF	½" PEX F1807, no lead	✓	B*	10	10	140.03 EA
696RG2313WF	½" PEX F1960, no lead	✓	B*	10	10	142.43 EA

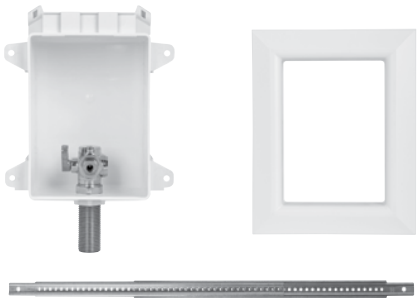
Fire-Rated Ox Box™

Ice Maker Outlet Box

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Box mounts easily to stud for top or bottom supply
- High-quality quarter-turn ball valves with ¼" O.D. compression outlet connection

Standard Pack



696R1000MF

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696R1000MF	½" female sweat		B*	10	10	63.55 EA
696R1000CF	½" CPVC male		B*	10	10	63.85 EA
696R1000XF	½" PEX F1807		B*	10	10	64.10 EA
696R1000WF	½" PEX F1960		B*	10	10	65.30 EA
696R1000AF	½" PEX F2080		B*	10	10	69.30 EA
696R1000VF	½" Viega PEX Press		B*	10	10	66.70 EA
696RG1000MF	½" female sweat, no lead	✓	B*	10	10	79.55 EA
696RG1000CF	½" CPVC male, no lead	✓	B*	10	10	79.85 EA
696RG1000XF	½" PEX F1807, no lead	✓	B*	10	10	80.10 EA
696RG1000WF	½" PEX F1960, no lead	✓	B*	10	10	81.30 EA

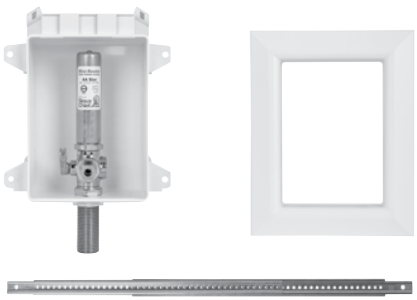
Fire-Rated Ox Box™

Ice Maker Outlet Box with Mini-Rester™ Water Hammer Arresters

Patent #7,360,553 & #7,735,511

- Boxes mount securely to stud or over studs
- Box mounts easily to stud for top or bottom supply
- High-quality quarter-turn ball valves with ¼" O.D. compression outlet connection

Standard Pack



696R1010MF

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696R1010MF	½" female sweat		B*	10	10	80.05 EA
696R1010CF	½" CPVC male		B*	10	10	80.35 EA
696R1010XF	½" PEX F1807		B*	10	10	80.60 EA
696R1010WF	½" PEX F1960		B*	10	10	81.80 EA
696R1010AF	½" PEX F2080		B*	10	10	85.80 EA
696R1010VF	½" Viega PEX Press		B*	10	10	83.20 EA
696RG1010MF	½" female sweat, no lead	✓	B*	10	10	97.05 EA
696RG1010CF	½" CPVC male, no lead	✓	B*	10	10	97.35 EA
696RG1010XF	½" PEX F1807, no lead	✓	B*	10	10	97.60 EA
696RG1010WF	½" PEX F1960, no lead	✓	B*	10	10	98.80 EA

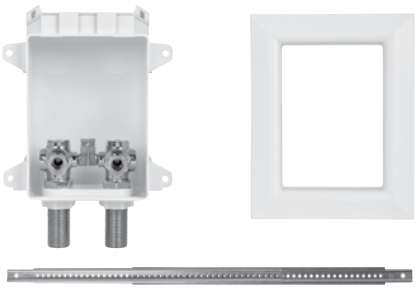
Fire-Rated Ox Box™

Lavatory Outlet Box

Patent #7,360,553 & #7,735,511

- ABS boxes mount securely to stud or over studs
- Eliminates cleaning stub outs and installing supply stops at finish
- Debris covers included
- High-quality quarter-turn ball valves

Standard Pack



696R2001MF

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696R2001MF	½" female sweat		B*	10	10	77.91 EA
696R2001CF	½" CPVC male		B*	10	10	78.51 EA
696R2001XF	½" PEX F1807		B*	10	10	79.01 EA
696R2001WF	½" PEX F1960		B*	10	10	81.41 EA
696R2001AF	½" PEX F2080		B*	10	10	89.41 EA
696RG2001MF	½" female sweat, no lead	✓	B*	10	10	108.91 EA
696RG2001CF	½" CPVC male, no lead	✓	B*	10	10	109.51 EA
696RG2001XF	½" PEX F1807, no lead	✓	B*	10	10	110.01 EA
696RG2001WF	½" PEX F1960, no lead	✓	B*	10	10	112.41 EA
MINI-RESTER STANDARD PACK						
696R2011CF	½" CPVC male		B*	10	10	105.51 EA

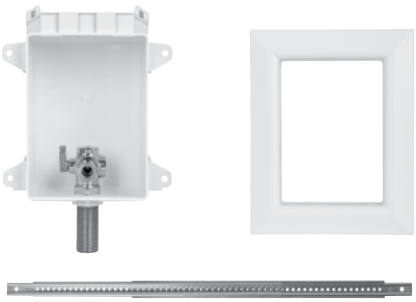
Fire-Rated Ox Box™

Toilet/Dishwasher Outlet Box

Patent #7,360,553 & #7,735,511

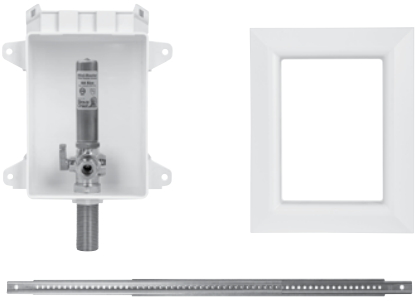
- ABS boxes mount securely to stud or over studs
- Eliminates cleaning stub outs and installing supply stops at finish
- Debris covers included
- High-quality quarter-turn ball valves

Standard Pack



696R1001MF

Mini-Rester™ Standard Pack



696RG1011MF

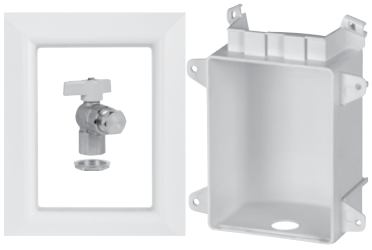
Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
STANDARD PACK						
696R1001MF	½" female sweat		B*	10	10	63.55 EA
696R1001CF	½" CPVC male		B*	10	10	63.85 EA
696R1001XF	½" PEX F1807		B*	10	10	64.10 EA
696R1001AF	½" PEX F2080		B*	10	10	69.30 EA
696RG1001MF	½" female sweat, no lead	✓	B*	10	10	79.55 EA
696RG1001CF	½" CPVC male, no lead	✓	B*	10	10	79.85 EA
696RG1001XF	½" PEX F1807, no lead	✓	B*	10	10	80.10 EA

Ox Box™

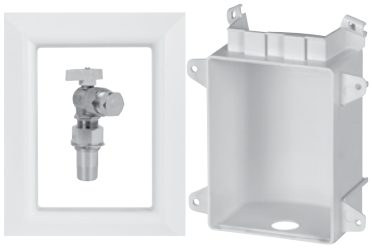
Gas Valve Outlet Box & Fire-Rated Gas Valve Outlet Box

Patent #7,360,553 & #7,735,511

- ¼-turn ball valve for easy, secure, accessible operation
- Box is available for ½" or ¾" iron-pipe applications or ½" CSST applications in both standard and fire-rated products
- Recessed box is made of high-impact ABS providing the strongest finished installation for all gas appliance needs
- Valve has CSA certification to ANSI Z21.15-1997 / CGA 9.1-M97



696-1020GF



696-1021GF

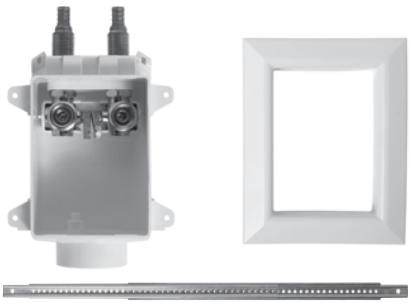
Item No	Connection	Pkg	Min Qty	Case Qty	List Price
GAS OX BOX					
696-1021GF	½" NPT valve and adapter for iron pipe, bagged	B*	6	6	30.25 EA
696-1031GF	¾" NPT valve and adapter for iron pipe, bagged	B*	6	6	33.40 EA
696-1020GF	½" FIP valve for CSST connection, bagged	B*	6	6	27.75 EA
FIRE-RATED GAS OX BOX					
696R1021GF	½" NPT valve and adapter for iron pipe, bagged	B*	10	10	74.47 EA
696R1031GF	¾" NPT valve and adapter for iron pipe, bagged	B*	10	10	77.62 EA
696R1020GF	½" FIP valve for CSST connection, bagged	B*	10	10	71.97 EA

NEW Ox Box™ ONE

Ox Box – Small Profile Laundry Supply & Drain Box

- Least obtrusive of any laundry box
- Economical alternative
- Perfect for top mounted supply run from overhead
- Debris cover included

Standard Pack



696-2403XF

Item No	Shank Connection	Pkg	Min Qty	Case Qty	List Price
LAUNDRY PRODUCT (¾" HOSE OUTLET) – STANDARD					
696-2403MF	½" female sweat / MIP	B	10	10	32.71 EA
696-2403CF	½" CPVC male	B	10	10	33.31 EA
696-2403XF	½" PEX F1807	B	10	10	33.81 EA
696-2403WF	½" PEX F1960	B	10	10	36.21 EA
LAUNDRY PRODUCT (¾" HOSE OUTLET) – WITH WATER HAMMER ARRESTERS					
696-2413MF	½" female sweat / MIP	B	10	10	59.71 EA
696-2413CF	½" CPVC male	B	10	10	60.31 EA
696-2413XF	½" PEX F1807	B	10	10	60.81 EA
696-2413WF	½" PEX F1960	B	10	10	63.21 EA

TurboVent™

» See page 396

- Actuating device within the unit spins with each activation, keeping the seal free of dust and debris
- Quick opening air valve at 0.01" negative pressure. Positive seal with 13 PSIG of back-pressure
- Reduces expansion/contraction noise in hot water lines
- Each unit is available with DWV adapter
- Protective debris cover ships with each unit



CONSIDER SIOUX CHIEF AS YOUR ROUGH PLUMBING ARMORY

TOGETHER, WE WILL TAKE THE FIELD.

» DRAINAGE > AIR ADMITTANCE VALVE > TurboVent



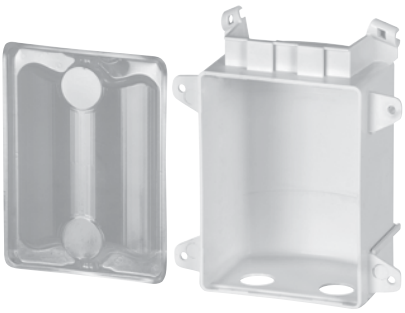
696-2F

696-SC



696-LC

696-SC1



696-2



696-EX



696-BC

Ox Box™

Accessories

Frame

- Textured and paintable ABS
- Single frame for ice maker application
- Double frame for washing machine application easily splits for separated box installations

Insert

- Textured and paintable ABS
- Louvered frame insert provides 7.99 in² of free grate area
- Solid cover plate provides a clean look for frequently used accessible plumbing valves

Outlet Box

- Made from tough ABS
- Installs directly to stud or by bracket
- May be installed with supply from above or below
- One-hole boxes for ice maker, toilet, gas and AAV access; two-hole boxes for wash, lav access
- Washing machine supply box can be placed above or to the left and to the right of drain box and includes debris cover

Extension

- Can be attached to outlet box for additional ½" of drywall depth
- Extensions can be stacked to desired access depth

Box Clip

- Box clip connects two Ox Box™ outlet boxes
- Enables the strongest outlet box installation by straddling wood or metal studs
- Tabs fold into metal stud for added rigidity

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	FRAME				
696-1F	Single frame	B	10	10	2.00 EA
696-2F	Double frame	B	10	10	2.50 EA
696-3F	Drain box with single frame	B	10	10	7.00 EA
	INSERT				
696-LC	Louvered frame insert	B	10	10	4.00 EA
696-SC	Solid frame insert	B	10	10	4.00 EA
696-SC1	Solid frame insert with valve cutout	B	10	10	5.50 EA
	OUTLET BOX				
696-1	One-hole supply box	B	10	10	5.00 EA
696-2	Two-hole supply box	B	10	10	5.00 EA
696-3	Drain box	B	10	10	5.00 EA
696R3	Drain box with fire pad and frame	B	10	10	47.22 EA
696-5	1 5/16" one-hole supply box for large shank valves	B	10	10	5.00 EA
696-6	1½" one-hole box for DWV pipe	B	10	10	5.00 EA
696-7	2" one-hole box for DWV pipe	B	10	10	5.00 EA
	EXTENSION				
696-EX	Frame extension	B	10	10	3.25 EA
	BOX CLIP				
696-BC	Box clip	B	10	10	2.50 EA

Ox Box™

Secondary Drainage Funnel

Patent #8,020,581

- Ideal for adding condensate, water softener or other auxillary lines to drain box
- Can be used in conjunction with washing machine drain hose
- Drains 7 GPM
- Securely sets into drain box through integral bottom ridges in the drain box and is held firmly in place with provided clip
- Two-piece design snaps together for fast installation and easy cleaning
- Fingers in top housing hold ½" CTS – 1" DWV piping firmly in place



696-CF

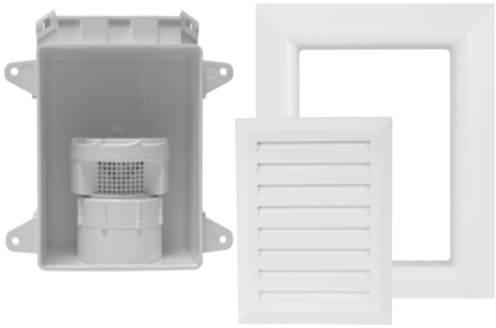


Item No	Description	Pkg	Min Qty	Case Qty	List Price
696-CF	Secondary drainage funnel	B*	10	10	6.50 EA

TurboVent™ with Ox Box™

Air Admittance Valve with Outlet Box

- Package includes:
  - TurboVent™ air admittance valve
  - Ox Box outlet box
  - DWV pipe adapter
  - Frame and louvered insert



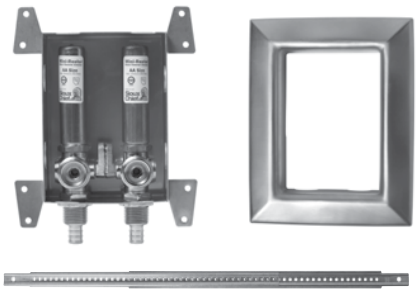
696-11P

ASSE 1050 1051

TurboVent *p 396*
More information including purchasing options

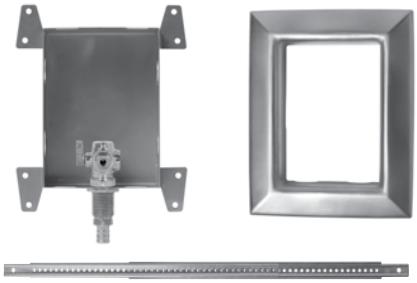
Item No	Description	Pkg	Min Qty	Case Qty	List Price
	PVC				
250-696122P	TurboVent with Dual Fit Adapter & Ox Box Kit	B*	1	6	28.50 EA
250-696R122P	TurboVent with Dual Fit Adapter & Fire-Rated Ox Box Kit	B*	1	6	72.50 EA
696-11P	TurboVent with Adapter & Ox Box Kit, 1½" Sch. 40 Hub	B*	1	6	29.50 EA
696-12P	TurboVent with Adapter & Ox Box Kit, 2" Sch. 40 Hub	B*	1	6	30.50 EA
	ABS				
250-696122A	TurboVent with Dual Fit Adapter & Ox Box Kit	B*	1	6	28.50 EA
250-696R122A	TurboVent with Dual Fit Adapter & Fire-Rated Ox Box Kit	B*	1	6	72.50 EA
696-11A	TurboVent with Adapter & Ox Box Kit, 1½" Sch. 40 Hub	B*	1	6	29.50 EA
696-12A	TurboVent with Adapter & Ox Box Kit, 2" Sch. 40 Hub	B*	1	6	30.50 EA

Standard Pack

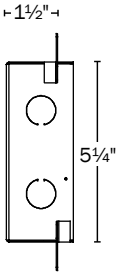


697-2013XF

Standard Pack



697-G1000XF



NEW SpecBox™

Shallow Stainless Steel Supply Access Box

- Perfect for 1.5" stud cavity fixture supply
- Durable materials stand up to job site abuse
- Available with enginerred water hammer arresters
- Stainless steel is perfect for commercial projects or high-end appeal
- Assembled in the USA

Item No	Shank Connection	NO LEAD	Pkg	Min Qty	Case Qty	List Price
LAUNDRY PRODUCT (¾" HOSE OUTLET) – STANDARD						
697-2003MF	½" female sweat / MIP		B	10	10	60.50 EA
697-2003CF	½" CPVC male		B	10	10	61.10 EA
697-2003XF	½" PEX F1807		B	10	10	61.60 EA
697-2003WF	½" PEX F1960		B	10	10	64.00 EA
LAUNDRY PRODUCT (¾" HOSE OUTLET) – WITH WATER HAMMER ARRESTERS						
697-2013MF	½" female sweat / MIP		B	10	10	87.50 EA
697-2013CF	½" CPVC male		B	10	10	88.10 EA
697-2013XF	½" PEX F1807		B	10	10	88.60 EA
697-2013WF	½" PEX F1960		B	10	10	91.00 EA
LAVATORY PRODUCT (⅜" COMP. OUTLET)						
697-G2001MF	½" female sweat / MIP	✓	B	10	10	82.00 EA
697-G2001CF	½" CPVC male	✓	B	10	10	82.60 EA
697-G2001XF	½" PEX F1807	✓	B	10	10	83.10 EA
697-G2001WF	½" PEX F1960	✓	B	10	10	85.50 EA
LAVATORY PRODUCT (⅜" COMP. OUTLET) – WITH WATER HAMMER ARRESTERS						
697-G2011MF	½" female sweat / MIP	✓	B	10	10	147.55 EA
697-G2011CF	½" CPVC male	✓	B	10	10	148.15 EA
697-G2011XF	½" PEX F1807	✓	B	10	10	148.65 EA
697-G2011WF	½" PEX F1960	✓	B	10	10	151.05 EA
ICEMAKER PRODUCT (¼" COMP. OUTLET)						
697-G1000MF	½" female sweat / MIP	✓	B	10	10	61.50 EA
697-G1000CF	½" CPVC male	✓	B	10	10	61.80 EA
697-G1000XF	½" PEX F1807	✓	B	10	10	62.05 EA
697-G1000WF	½" PEX F1960	✓	B	10	10	63.25 EA
ICEMAKER PRODUCT (¼" COMP. OUTLET) – WITH WATER HAMMER ARRESTERS						
697-G1010MF	½" female sweat / MIP	✓	B	10	10	78.00 EA
697-G1010CF	½" CPVC male	✓	B	10	10	78.30 EA
697-G1010XF	½" PEX F1807	✓	B	10	10	78.55 EA
697-G1010WF	½" PEX F1960	✓	B	10	10	79.75 EA

Outlet Box

Accessories

Cap with Gasket



520-09



696-PN



696-C1



696-C3

- Brass caps with gasket for testing and valve operation protection

Item No	Description	Pkg	Min Qty	Case Qty	List Price
SUPPORT BRACKET					
520-09	Sliding Support Bracket	B	250	250	1.70 EA
SHANK NUT					
696-PN	Shank nut	B	50	50	0.30 EA
CAP WITH GASKET					
696-C0	¼" OD compression cap	B	10	10	0.80 EA
696-C1	⅜" OD compression cap, pair	B	10	10	1.60 EA
696-C3	¾" hose thread cap, pair	B	10	10	4.20 EA

NEW No Lead Access Box Valves

Laundry and Icemaker Long-Shank Valves

- High quality ¼-turn supply stop valves
- For use in access box product and secure with 696PN
- Arresters made in the USA



696-GLVH1W

Item No	Dimensions	Pkg	Min Qty	Case Qty	List Price
NO LEAD LAUNDRY PRODUCT (¾" HOSE OUTLET) – WITH WATER HAMMER ARRESTER					
696-GLVH1	Right handle, nickel-plated, FSWT inlet	B	10	10	39.75 EA
696-GLVH1W	Right handle, nickel-plated, PEX F1960 inlet	B	10	10	41.50 EA
696-GLVH1C	Right handle, nickel-plated, CPVC male inlet	B	10	10	38.70 EA
696-GLVH2	Left handle, nickel-plated, FSWT inlet	B	10	10	39.75 EA
696-GLVH2W	Left handle, nickel-plated, PEX F1960 inlet	B	10	10	41.50 EA
696-GLVH2C	Left handle, nickel-plated, CPVC male inlet	B	10	10	38.70 EA
NO LEAD ICEMAKER PRODUCT (¼" COMP. OUTLET) – WITH WATER HAMMER ARRESTER					
696-GLVC0	Right handle, nickel-plated, FSWT inlet	B	10	10	38.40 EA
696-GLVC0W	Right handle, nickel-plated, PEX 1960 inlet	B	10	10	40.15 EA

NO LEAD

NEW Access Box Valves

Laundry Long-Shank Valves

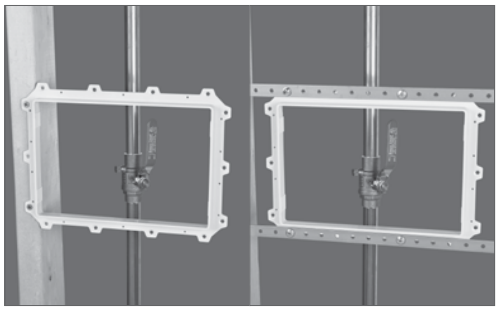
- High quality ¼-turn supply stop valves
- For use in access box product and secure with 696PN
- Arresters made in the USA



696-LVH1W

Item No	Dimensions	Pkg	Min Qty	Case Qty	List Price
LAUNDRY PRODUCT (¾" HOSE OUTLET) – WITH WATER HAMMER ARRESTER					
696-LVH1	Right handle, nickel-plated, FSWT inlet	B	10	10	22.75 EA
696-LVH1W	Right handle, nickel-plated, PEX F1960 inlet	B	10	10	24.50 EA
696-LVH2	Left handle, nickel-plated, FSWT inlet	B	10	10	22.75 EA
696-LVH2W	Left handle, nickel-plated, PEX F1960 inlet	B	10	10	24.50 EA

970-269S



Over/Under™ Access Panel

Two-Piece

Patent #D635,098

- Easily installs before or after wallboard installation
- No need for glue or adhesives
- Provides instant access to plumbing, electrical, telephone and other electronic cables
- Pre-wallboard installation works with ½" – ¾" wallboard thickness
- Can be painted or wallpapered
- Seamless finish panel is beveled and textured
- Durable HIPS material

Item No	Dimensions		Material	Pkg	Min Qty	Case Qty	List Price
	Outside	Inside Panel					
970-269S	8½" × 11½"	6" × 9"	white ABS	B*	1	6	18.55 EA
970-214S	16½" × 16½"	14" × 14"	white ABS	B*	1	6	22.55 EA

970-214

Plastic Access Panel

Two-Piece

- Provides instant access to plumbing, electrical, telephone and various other electronic cables
- Easy installation
- Can be installed before or after drywall installation
- Can be painted or wallpapered
- Textured panel
- Durable HIPS material

Item No	Dimensions		Material	Pkg	Min Qty	Case Qty	List Price
	Outside	Inside Panel					
970-208	10¼" × 10¼"	8" × 8"	white ABS	B*	1	12	21.12 EA
970-214	17" × 17"	14" × 14"	white ABS	B*	1	12	25.12 EA

Plastic Access Panel

One-Piece

- Provides economical access to pressure and drainage plumbing, pipes and wiring
- Surface allows for painting or wallpapering
- ⅛" thick
- Four countersunk holes



970-112

Item No	Dimensions	Material	Pkg	Min Qty	Case Qty	List Price
970-112	12" × 12"	white ABS	B	20	20	6.55 EA
970-117	17" × 17"	polystyrene	B	12	12	11.55 EA

NEW Metal Access Panel

Hinged Two-Piece

- Provides instant access to plumbing, electrical, telephone and various other electronic cables
- Easy installation
- Can be painted
- Made in the USA



971-1414

Item No	Dimensions		Material	Pkg	Min Qty	Case Qty	List Price
	Outside	Inside Panel					
971-1414	15¼" × 15¼"	14" × 14"	Painted steel	B	1	5	86.26 EA
971-1430	15¼" × 31¼"	14" × 30"	Painted steel	B	1	5	125.00 EA

Notes

RoughUp™ KITS

ShowerUp™

Tub Spout Elbow
Tub/Shower Pressure Connectors
Shower Riser
Brackets

HeatUp™

Hot Side Connection
Cold Side Connection
Nipple Option
Expansion Tank Option

Preformed Copper

Features & Benefits

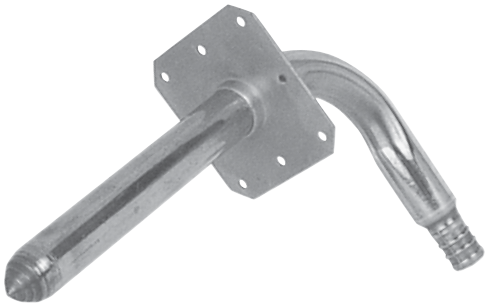
Reduces labor. Preformed fittings combine multiple products into one solution. These products reduce labor and material investments to save the plumber money and time.



Reduces Cost. Engineered components offer reduced management, purchasing responsibility, inventory and planning.

Expedites bidding. Preformed copper items transition a contractor's variable costs into a fixed cost that expedites bidding and costing for jobs.

Reduces Noise. Increased radius bends on preformed products improve the flow characteristics of the application over traditional products. The larger radius also reduces the noise produced by typical installations.



Quality Engineering. Sioux Chief preformed copper fitting ends are engineered with quality and precision manufacturing using the latest technologies. All fitting bends and ends are made to appropriate ASTM standards, compliant to nationally recognized plumbing codes and guaranteed with one of the industry's leading limited lifetime warranties.

Quality materials. Sioux Chief utilizes the highest grades of material to manufacture preformed copper components. We select only the best partners who have a similar view and desire to provide quality materials, products and parts.

Made in the USA. Sioux Chief is a U.S. manufacturer. We make 95% of the products we sell. We make those products in the heart of the USA.

No-lead. Preformed copper is naturally no-lead, dezincification resistant, cost effective, antimicrobial, and provides the perfect code compliant solutions for any plumbing transition, fitting, or wall termination.



Variety. Sioux Chief has countless preformed copper and fitting capabilities. These capabilities offer endless options and solutions.

Fewer leaks. Fewer fittings mean fewer joints. Fewer joints reduce the chances for a leak. Fewer leaks reduce liability.

Stability. Preformed copper product provides robust wall terminations, which stand up to jobsite abuse.

Aesthetically pleasing. Aesthetically pleasing preformed product can be used to improve the look of a job and become a "calling card" item in a plumber's arsenal to help win a bid.

Customized Parts. Sioux Chief can make the custom item you require. We can bend, form, flare, solder, crimp or anneal product to fit your application. Call for more details.

RoughUp™ Kits
Custom ShowerUp™ Kits

Shower Tree Assembly System Features & Benefits

Reduces Cost. Each warranted and engineered solution is offered to reduce the labor and material investment by the contractor and save in material requisition costs.

Reduces Time. Each warranted and engineered solution is offered to reduce the labor and material investment by the contractor and save in material requisition costs.

Reduces Risk. Sioux Chief's ShowerUp™ kits eliminate up to 10 solder joints per valve, which means 10 less potential leaks you have to worry about.

Reduces Insurance Cost. With less solder joints, you can remove the torch from the jobsite to reduce insurance costs.

Peace of Mind. ShowerUp™ kits allow you to install a guaranteed leakproof valve every time.

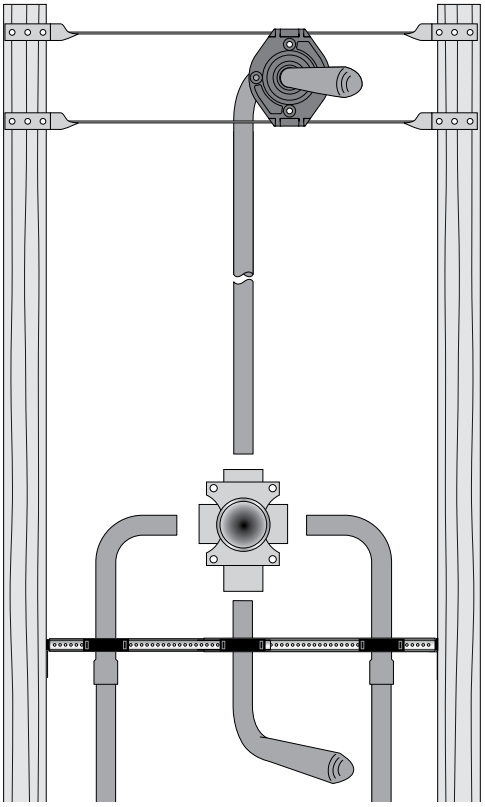
Costing/estimating/bidding control: Estimating jobs is now easier and more efficient due to better materials management and controlled waste.

Layout simplification. The guesswork, in terms of how the different parts will be laid out, is now removed.

Layout standardization. Layouts can be standardized driving an aesthetically pleasing look, and even be a calling card for the contractor for installations. No more piecing together solutions.

Stocking simplification. Since Sioux Chief's kit solutions come as one SKU, inventory management is more efficient. Grab one SKU and go.

Materials Management. Purchasing a ShowerUp™ kit ensures that you'll have the right product, at the right place, at the right time.



- Tub Spout Elbow p. 265
- Tub/Shower Pressure Connector p. 266
- Shower Riser p. 268
- Brackets p. 270

Related Products

PEX F1807	*p 29*
PEX F1960	*p 99*
PEX F2080	*p 121*
Viega® PEX Press®	*p 93*
Sweat	*p 177*
CPVC	*p 151*

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

- All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push-fitting systems are not compatible with nickel-plated stub outs and stub out elbows.

No Lead Compliant Products

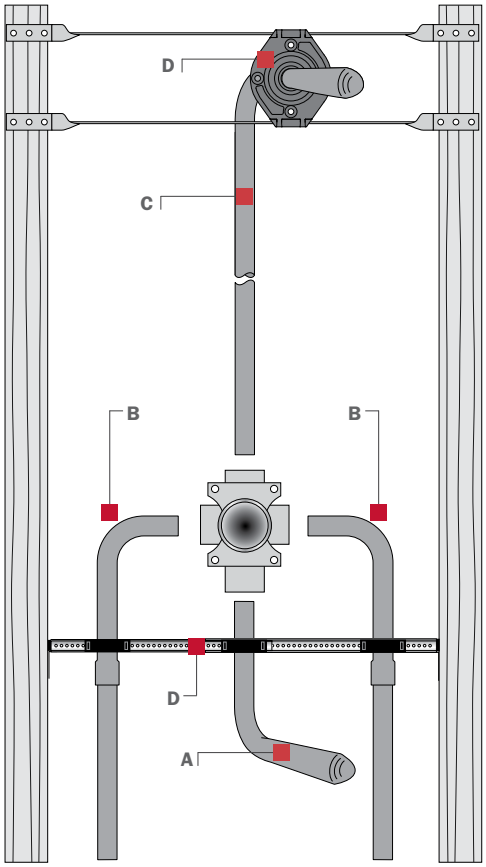
NO LEAD

- Products marked with this "No Lead"icon comply with national, no lead product material requirements and comply with NSF 61 which allows the product to contain no more than 0.25% lead.

RoughUp™ Kits
Custom ShowerUp™ Kits

Build your own kit

Use the following steps to build a kit using the worksheet on page 271.



1. Start with the ShowerUp™ kit prefix:

Kit Prefix: 693

2. Choose a kit code for each of the following parts:

- **A** Tub Spout Elbow (p. 265)
- **B** Tub/Shower Pressure Connector (p. 266-267)
- **C** Shower Riser (p. 268-269)
- **D** Brackets (p. 270)

3. Use this formula to build your kit:

Kit Prefix	A Tub Spout Elbow	B Tub/Shower Pressure Connector	C Shower Riser	D Bracket Option
693 -	00	00	00	00

4. Example Code Formula:

Kit Components	Kit Prefix	A Tub Spout Elbow	B Tub/Shower Pressure Connector	C Shower Riser	D Bracket Option
Kit Code	693 -	13	03	23	03
Description		1/2" Male Sweat 8" × 7"	6" × 2¼" male sweat × CPVC	½" female sweat × ½" FIP drop-ear elbow	Power Bar, 3 TD clamp, 4 screws
Price		$6.49 EA	$9.38 EA	$4.11 EA	$10.00 EA

Total Cost: $29.98

New Kit Item Number: 693 - 13032303



The ShowerUp™ kit system allows the use of a full-length copper stub out elbow riser in conjunction with a Shower WallNut™ Arm Adapter. The Shower WallNut Arm Adapter enables the shower arm connection to be made outside the finished wall, so there are no hidden leaks. When a full-length copper stub out elbow riser is used Sioux Chief requires the use of the Shower WallNut System that consists of a Strong Arm with Shower WallNut Lock Block, a Shower WallNut Arm Adapter and a full-length copper stub out elbow riser. A properly installed Shower WallNut System, as seen in the illustration, carries a Limited Lifetime Warranty.

A Tub Spout Elbow

½" Male Sweat Connection

Kit Code	Item No	Description	List Price
01	—	None (for shower only)	—
11	613-57	5" × 7"	5.45 EA
12	613-67	6" × 7"	5.86 EA
13	613-87	8" × 7"	6.49 EA
14	613-137	13" × 7"	9.36 EA
15	613-139	13" × 9"	10.47 EA
16	613-107	10" × 7"	7.78 EA
17	622-L03	½" × 3" Type L copper stub out	1.81 EA

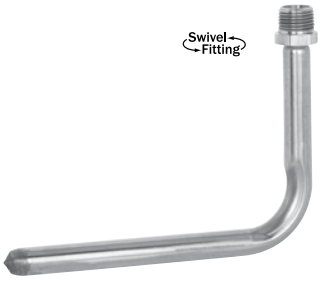
NO LEAD



Kit Code 16
613-107

½" MIP Connection

Kit Code	Item No	Description	List Price
02	613-57X	5" × 7", swivel	10.45 EA
03	613-67X	6" × 7", swivel	10.86 EA
04	613-87X	8" × 7", swivel	11.49 EA
05	613-57M	5" × 7", fixed	8.20 EA
06	613-67M	6" × 7", fixed	8.61 EA
07	613-87M	8" × 7", fixed	9.24 EA



Kit Code 02
613-57X

½" FIP Connection

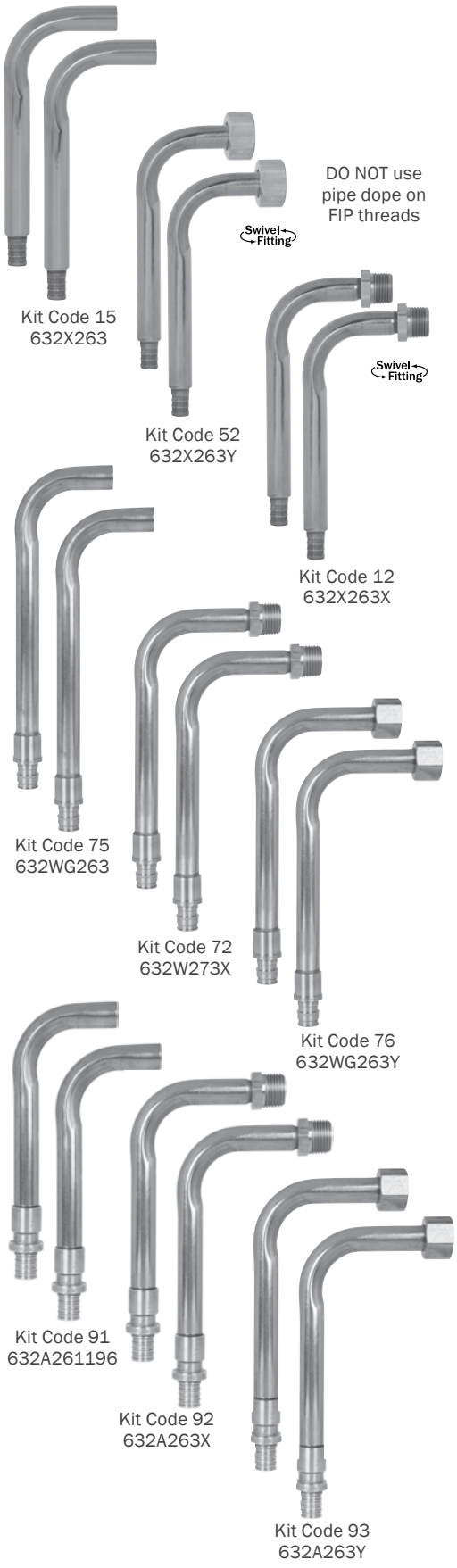
Kit Code	Item No	Description	List Price
31	613-57Y	5" × 7", swivel	9.95 EA
32	613-67Y	6" × 7", swivel	10.36 EA
33	613-87Y	8" × 7", swivel	10.99 EA



DO NOT use pipe dope on FIP threads

Kit Code 31
613-57Y

B Tub/Shower Pressure Connectors



F1807 PEX Connection

Kit Code	Item No	Description	NO LEAD	List Price
		SWEAT × F1807		
14	632X243	4" × 2¼" male sweat × PEX F1807	✓	6.06 EA
15	632X263	6" × 2¼" male sweat × PEX F1807	✓	7.28 EA
16	632X222	1⅝" × 1½" male sweat × PEX F1807	✓	4.00 EA
18	632X283	8" × 2¼" male sweat × PEX F1807	✓	9.34 EA
63	660-TSX	Mini-Rester ½" male sweat branch × ½" PEX F1807	✓	48.00 EA
		MIP × F1807		
11	646XG2	½" MIP × ½" PEX F1807	✓	8.88 EA
12	632X263X	6" × 3" MIP swivel × PEX F1807		17.28 EA
		FIP × F1807		
51	647XG2	½" FIP × ½" PEX F1807	✓	9.64 EA
52	632X263Y	6" × 3" FIP swivel × PEX F1807	✓	16.28 EA
64	660-TSX7	Mini-Rester ½" FIP swivel branch × ½" PEX F1807		44.00 EA

F1960 PEX Connection

Kit Code	Item No	Description	NO LEAD	List Price
		SWEAT × F1960		
75	632WG263	6" × 2¼" male sweat × ½" F1960	✓	15.54 EA
		MIP × F1960		
72	632W273X	7" × 3" MIP swivel × PEX F1960		26.06 EA
		FIP × F1960		
76	632WG263Y	6" × 3" FIP swivel × ½" PEX F1960	✓	21.22 EA

F2080 PEX Connection

Kit Code	Item No	Description	List Price
		SWEAT × F2080	
91	632A261196	6" × 2¾" male sweat × ½" F2080	18.28 EA
		MIP × F2080	
92	632A263X	6" × 3" MIP swivel × ½" PEX F2080	28.00 EA
		FIP × F2080	
93	632A263Y	6" × 3" FIP swivel × ½" PEX F2080	25.42 EA

B Tub/Shower Pressure Connectors

Viega® PEX Press® Connection

Kit Code	Item No	Description	NO LEAD	List Price
		SWEAT × PEX PRESS		
81	632V273	7" × 2¼" male sweat × ½" PEX Press	✓	16.06 EA
		MIP × PEX PRESS		
82	632V273X	7" × 3" MIP swivel × ½" PEX Press		26.06 EA
		FIP × PEX PRESS		
83	632V273Y	7" × 3" FIP swivel × ½" PEX Press		25.06 EA



Kit Code 81
632V273



Kit Code 82
632V273X

CPVC Connection

Kit Code	Item No	Description	NO LEAD	List Price
		SWEAT × CPVC		
03	632-C263	6" × 2¼" male sweat × CPVC	✓	9.38 EA
04	632-C283	8" × 2¼" male sweat × CPVC	✓	10.90 EA
05	632-C2123	12" × 2¼" male sweat × CPVC	✓	17.48 EA
		MIP × CPVC		
01	646-CG2	½" MIP × ½" CPVC	✓	10.14 EA
02	632-C263X	6" × 3" MIP swivel × CPVC		19.38 EA
		FIP × CPVC		
41	637-C20	½" FIP swivel × ½" CPVC	✓	15.12 EA
42	647-CG2	½" FIP × ½" CPVC	✓	10.14 EA
43	632-C263Y	6" × 3" FIP swivel × CPVC	✓	18.38 EA
65	660-TSV7	Mini-Rester ½" FIP swivel branch × ½" CPVC		46.00 EA



Kit Code 65
660-TSV7



Kit Code 03
632-C263

Sweat Connection

Kit Code	Item No	Description	NO LEAD	List Price
		SWEAT × SWEAT		
26	608-L263A	2¼" × 6" male sweat × ½" male sweat	✓	8.78 EA
61	660-TS	Mini-Rester ½" male sweat branch × ½" female sweat	✓	38.50 EA
21	609-L263A	6" × 2¼" male sweat × female sweat	✓	9.28 EA
		MIP × SWEAT		
22	609-L263X	6" × 3" MIP swivel × female sweat		21.28 EA
		FIP × SWEAT		
23	609-L263Y	6" × 3" FIP swivel × female sweat	✓	20.28 EA
62	660-TSF7	Mini-Rester ½" FIP swivel branch × ½" female sweat		45.00 EA



Kit Code 22
609-L263X



DO NOT use pipe dope on FIP threads

Kit Code 23
609-L263Y



Kit Code 21
609-L263A

C Shower Riser



Kit Code 19
643X2
647X2E



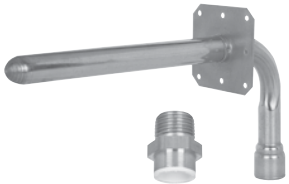
Kit Code 12
646XG2
630X248



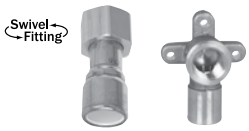
Kit Code 15
647XG2
630X248



Kit Code 02
646-CG2
630-C248



Kit Code 03
646-CG2
630-C248E



Kit Code 05
637-C20
647-C2E3

F1807 PEX Connection

Kit Code	Item No	Description	List Price
		SWEAT × F1807	
17	643X2 630X248	½" male sweat × ½" PEX F1807 adapter ½" PEX F1807 × spun, 4" × 8" stub out elbow	5.60 EA
18	643X2 630X248E	½" male sweat × ½" PEX F1807 adapter ½" PEX F1807 × spun, 4" × 8" stub out elbow w/ear strap	6.35 EA
19	643X2 647X2E	½" male sweat × ½" PEX F1807 adapter ½" PEX F1807 × ½" FIP drop-ear elbow	7.06 EA
		MIP × F1807	
11	646XG2 647X2E	½" MIP × ½" PEX F1807 adapter ½" PEX × ½" female sweat drop-ear 90	10.75 EA
12	646XG2 630X248	½" MIP × ½" PEX F1807 adapter ½" PEX F1807 × spun 4" × 8" stub out elbow	9.29 EA
13	646XG2 630X248E	½" MIP × ½" PEX F1807 adapter ½" PEX F1807 × spun 4" × 8" stub out elbow w/ear strap	10.04 EA
		FIP × F1807	
14	647XG2 647X2E	½" FIP × ½" PEX F1807 adapter ½" PEX F1807 × ½" female sweat drop-ear 90	11.13 EA
15	647XG2 630X248	½" FIP × ½" PEX F1807 adapter ½" PEX F1807 × spun, 4" × 8" Stub out elbow	9.67 EA
16	647XG2 630X248E	½" FIP × ½" PEX F1807 adapter ½" PEX F1807 × spun, 4" × 8" Stub out elbow w/ear strap	10.42 EA

CPVC Connection

Kit Code	Item No	Description	List Price
		MIP × F1807	
02	646-CG2 630-C248	½" MIP × ½" CPVC 4" × 8" CPVC stub out elbow	11.32 EA
03	646-CG2 630-C248E	½" MIP × ½" CPVC 4" × 8" CPVC stub out elbow w/ear strap	12.07 EA
04	646-CG2 647-C2E3	½" MIP × ½" CPVC ½" CPVC drop-ear 90	12.83 EA
		FIP × F1807	
05	637-C20 647-C2E3	½" FIP swivel × ½" CPVC ½" CPVC drop-ear 90	15.32 EA
06	637-C20 630-C248	½" FIP swivel × ½" CPVC 4" × 8" CPVC stub out elbow	13.81 EA
07	637-C20 630-C248E	½" FIP swivel × ½" CPVC 4" x 8" CPVC stub out elbow w/ear strap	14.56 EA

C Shower Riser

Sweat Connection

Kit Code	Item No	Description	NO LEAD	List Price
		SWEAT		
21	609-L248	½" female sweat × spun, 4" × 8" stub out elbow	✓	4.21 EA
22	609-L248E	½" female sweat × spun 4" × 8" stub out elbow w/ear strap	✓	4.96 EA
23	616-2E	½" female sweat × ½" FIP drop-ear elbow		4.11 EA



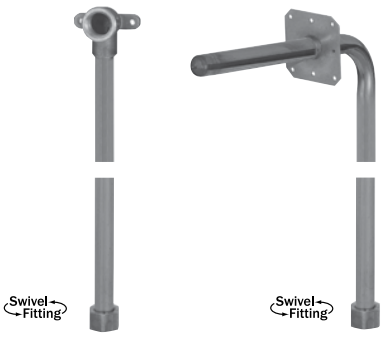
Kit Code 22
609-L248E



Kit Code 23
616-2E

Full-Length Copper

Kit Code	Item No	Description	NO LEAD	List Price
		SWEAT		
31	616-630	½" male sweat × drop-ear 90, 30"		16.71 EA
32	616-650	½" male sweat × drop-ear 90, 50"		24.48 EA
51	608-L2308	½" male sweat × spun, 30" × 8" stub out elbow	✓	15.66 EA
52	608-L2308E	½" male sweat × spun, 30" × 8" stub out elbow w/ear strap	✓	16.66 EA
53	608-L2508	½" male sweat × spun, 50" × 8" stub out elbow	✓	22.80 EA
54	608-L2508E	½" male sweat × spun, 50" × 8" stub out elbow w/ear strap	✓	23.80 EA
		MIP		
41	616-630X	½" MIP swivel × drop-ear 90, 30"		20.97 EA
42	616-650X	½" MIP swivel × drop-ear 90, 50"		28.68 EA
61	608-L2308X	½" MIP swivel × spun, 30" × 8" stub out elbow		20.84 EA
62	608-L2308EX	½" MIP swivel × spun, 30" × 8" stub out elbow w/ ear strap		21.84 EA
63	608-L2508X	½" MIP swivel × spun, 50" × 8" stub out elbow		28.29 EA
64	608-L2508EX	½" MIP swivel × spun, 50" × 8" stub out elbow w/ ear strap		29.29 EA
		FIP		
43	616-630Y	½" FIP swivel × drop-ear 90, 30"		19.97 EA
44	616-650Y	½" FIP swivel × drop-ear 90, 50"		27.63 EA
71	608-L2308Y	½" FIP swivel × spun, 30" × 8" stub out elbow		20.37 EA
72	608-L2308EY	½" FIP swivel × spun, 30" × 8" stub out elbow w/ ear strap		21.37 EA
73	608-L2508Y	½" FIP swivel × spun, 50" × 8" stub out elbow		27.14 EA
74	608-L2508EY	½" FIP swivel × spun, 50" × 8" stub out elbow w/ ear strap		28.14 EA



Kit Code 43
616-630Y

Kit Code 72
608-L2308EY

DO NOT use pipe dope on FIP threads



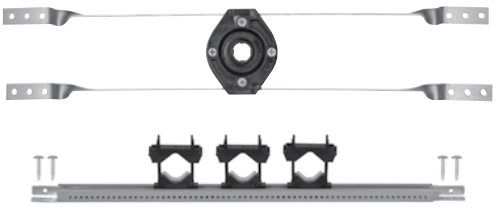
Kit Code 31
616-630

Kit Code 41
616-630X

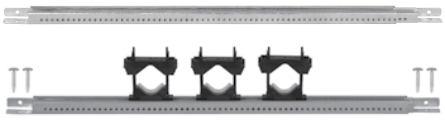
Kit Code 61
608-L2308X

D Brackets

- When a full-length copper stub out elbow riser is used, Sioux Chief requires the use of the Shower WallNut™ System that consists of a Strong Arm with Shower WallNut Lock Block, a Shower WallNut Arm Adapter and a full-length copper stub out elbow riser. (See illustration on p 264)



Kit Code 01
525-16WLB
523-2434



Kit Code 03
523-2404
523-2434

Kit Code	Item No	Description	List Price
01	525-16WLB 523-2434	Strong Arm, 16", with 1 Shower WallNut Lock Block, 4 screws Power Bar, 3TD clamp, 4 screws	9.02 EA
02	523-2404 523-2424	Power Bar, 6 screws Power Bar, 2TD clamp, 4 screws	10.00 EA
03	523-2404 523-2434	Power Bar, 6 screws Power Bar, 3 TD clamp, 4 screws	10.00 EA
04	525-16WLB 523-2424	Strong Arm, 16", with 1 Shower WallNut Lock Block, 4 screws Power Bar, 2TD clamp, 4 screws	9.02 EA
07	525-24WLB 523-2434	Strong Arm, 24", with 1 Shower WallNut Lock Block, 4 screws Power Bar, 3TD clamp, 4 screws	9.45 EA
08	525-24WLB 523-2424	Strong Arm, 24", with 1 Shower WallNut Lock Block, 4 screws Power Bar, 2TD clamp, 4 screws	9.45 EA

RoughUp™ Kits Kit Worksheet

Build your own kit

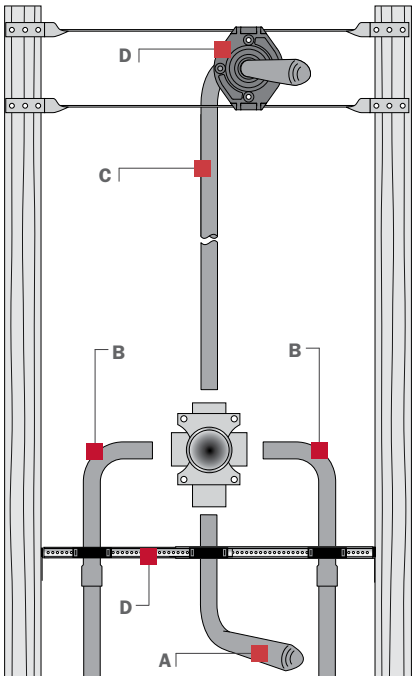
ShowerUp™ Kits:

Build your kit here.

Kit Components	Kit Prefix	A Tub Spout Elbow	B Tub/Shower Pressure Connector	C Shower Riser	D Bracket Option
Kit Code	693 -				
Description					
Price					

Total Cost: _____

New Kit Item Number: _____



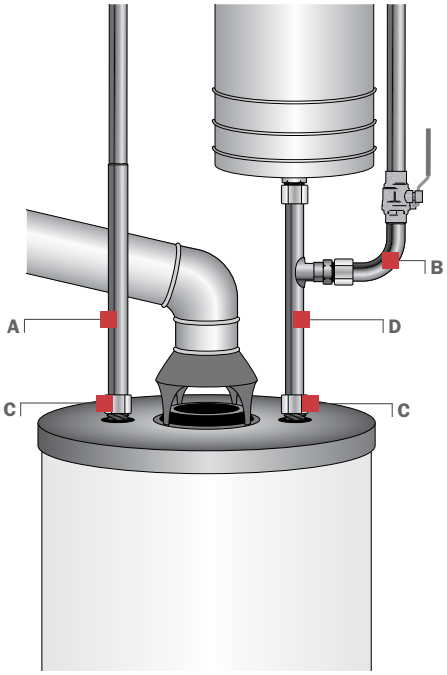
HeatUp™ Kits:

Build your kit here.

Kit Components	Kit Prefix	A Hot Side Connector	B Cold Side Connector	C Nipple Option	D Expansion Tank Option
Kit Code	694 -				
Description					
Price					

Total Cost: _____

New Kit Item Number: _____



RoughUp™ Kits
Custom HeatUp™ Kits

Water Heater Connector Kit Features & Benefits

Increased Efficiencies. Pre-fabricated HeatUp™ kits are perfect for new construction and repair and/or replacement installations.

Purchasing Simplification. HeatUp™ kits offer cold, hot and expansion tank connection options — and since it comes as a kit, one purchase can take care of all of your buying needs.

Versatility. With Sioux Chief's build-you-own kits, you'll find the perfect solutions for what you're looking for. We have kits for tankless water heaters, heating coil loops and more.

Height Adjustable. New heaters are never the same height as the old ones. Full-slip copper allows you to slide the connector onto the remaining copper supply, and then back down to the new height.

Measurement Simplification. Several inches of full-slip copper allow you to cut the copper to the approximate length. Even if you are too long on your cut, the full-slip allows you to slide the joint wherever it needs to be.

Installation Simplification. Soldering copper to copper is hard enough, but soldering to a valve is the toughest. It takes more heat than a normal solder joint, but too much heat will melt the seats and ruin the valve. Having the valve already soldered into the connector is more than just a time saver; it's a valve saver.

Soldering Simplification. Connect the swivel nut to the heater nipple and fully tighten for a proper seal, prior to soldering to the copper tube. Everything will be in place for proper soldering. No more trying to hold loose copper elbows and tees together while soldering. The connector acts like a built-in soldering jig to hold everything.

Professional Look. Sioux Chief has the only preformed connector on the market that is solid copper. When finished, the plumber has a professional, straight, sturdy installation.

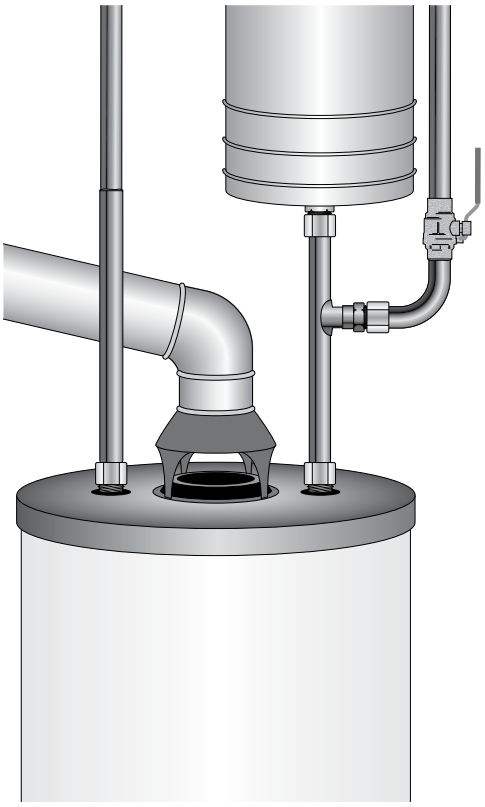
Less Waste. SinceSioux Chief's engineered solutions and kit solutions offer savings through innovative products that often combine multiple fittings into one with less waste.

Planning efficiencies. Special trips to procure additional product are not required.

Important Notes About Sioux Chief Male Sweat Fitting

PRESS-FITTING COMPATIBLE

- All Sioux Chief male sweat fittings are compatible with press-fitting systems and all push-fitting systems. Push fitting systems are not compatible with nickel-plated stub outs and stub out elbows.



- Hot Side Connector p. 274
- Cold Side Connector p. 276
- Nipple Options p. 278E
- Expansion Tank Option p. 278

No Lead Compliant Products

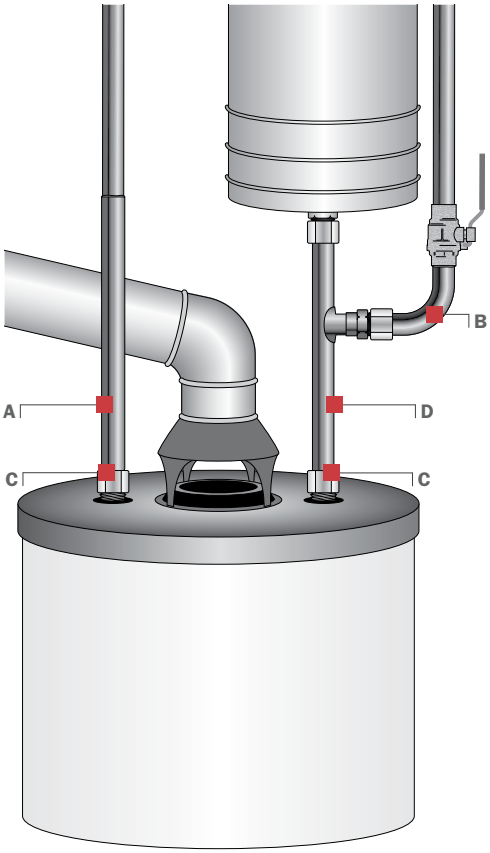
NO LEAD

- Products marked with this "No Lead"icon comply with national, no lead product material requirements and comply with NSF 61 which allows the product to contain no more than 0.25% lead.

RoughUp™ Kits
Custom HeatUp™ Kits

Build your own kit

Use the following steps to build a kit using the worksheet on page 271.



1. Start with the Water Heater Connector kit prefix:

Kit Prefix: 694

2. Choose a kit code for each of the following parts:

- **A** Hot Side Connector (p. 274)
- **B** Cold Side Connector (p. 276-277)
- **C** Nipple Option (p. 278)
- **D** Expansion Tank Option (p. 278)

3. Use this formula to build your kit:

Kit Prefix	A Hot Side Connector	B Cold Side Connector	C Nipple Option	D Expansion Tank Option
694	0000	00	00	00

4. Example Code Formula:

Kit Components	Kit Prefix	A Hot Side Connector	B Cold Side Connector	C Nipple Option	D Expansion Tank Option
Kit Code	694 -	CG33	01	23	91
Description		¾" FIP swivel × ¾" CPVC socket	¾" PEX F1807 × ¾" FIP swivel elbow	Two ¾" MIP × ¾" MIP dielectric nipples	¾" × ¾" FIP swivel with ¾" MIP branch
Price		$20.34 EA	$41.67 EA	$4.37 EA	$32.39 EA

Total Cost: $98.77

New Kit Item Number: 694 - CG33012391

A Hot Side Connection



F1807 PEX Connection

Kit Code	Item No	Connection	Length	List Price
XG06	631X02	¾" PEX F1807 × ¾" FIP swivel elbow	2½" × 4½"	13.50 EA
XG07	631X06	¾" PEX F1807 × ¾" FIP swivel elbow	6" × 6"	17.50 EA
XG08	631XM	¾" PEX F1807 × ¾" MIP, elbow	4" × 6"	12.50 EA
XG09	631XS	¾" PEX F1807 × ¾" FIP swivel s-bend	6" × 4½"	12.50 EA
XG31	633X02	¾" PEX F1807 × ¾" FIP swivel	2"	6.28 EA
XG32	633X18	¾" PEX F1807 × ¾" FIP swivel	18"	19.71 EA
XG36	633X418	¾" PEX F1807 × 1" FIP swivel	18"	25.49 EA
XG46	634X418	¾" PEX F1807 × ¾" FIP swivel flexible	18"	21.55 EA
XG61	646XG3	¾" PEX F1807 × ¾" MIP	—	6.67 EA
XG62	646XG318	¾" PEX F1807 × ¾" MIP	18"	6.87 EA



F1960 PEX Connection

Kit Code	Item No	Connection	Length	List Price
WG71	633WG18	¾" PEX F1960 × ¾" FIP swivel	18"	23.63 EA
WG49	634WG418	¾" PEX F1960 × ¾" FIP swivel flexible	18"	28.32 EA



F2080 PEX Connection

Kit Code	Item No	Connection	Length	List Price
AG06	631A02	¾" PEX F2080 × ¾" FIP swivel elbow	3" × 5"	20.91 EA
AG32	633A18	¾" PEX F2080 × ¾" FIP swivel	18"	28.68 EA
AG46	634A418	¾" PEX F2080 × ¾" FIP swivel flexible	18"	29.64 EA



Viega® PEX Press® Connection

Kit Code	Item No	Connection	Length	List Price
VG48	634VG418	¾" Viega PEX Press × ¾" FIP flexible	18"	32.34 EA
VG72	633VG18	¾" Viega PEX Press × ¾" MIP	18"	62.41 EA

A Hot Side Connection

CPVC Connection

Kit Code	Item No	Connection	Length	List Price
CG06	631-C307	¾" FIP swivel × ¾" CPVC socket elbow	3" × 7"	17.13 EA
CG31	633-C02	¾" FIP swivel × ¾" CPVC socket	3"	10.94 EA
CG32	633-C09	¾" FIP swivel × ¾" CPVC socket	9"	14.31 EA
CG33	633-C18	¾" FIP swivel × ¾" CPVC socket	18"	20.34 EA
CG35	633-C24	¾" FIP swivel × ¾" CPVC socket	24"	26.41 EA
CG36	633-C418	1" FIP swivel × ¾" CPVC socket	18"	29.13 EA
CG37	633-C424	1" FIP swivel × ¾" CPVC socket	24"	35.74 EA
CG56	634-C118	¾" FIP swivel × ¾" CPVC socket flexible	18"	27.03 EA
CG71	646-CG3	¾" MIP × ¾" CPVC socket	3¼"	6.98 EA
CG72	646-C318	¾" MIP × ¾" CPVC socket	18"	19.03 EA
CG73	646-C324	¾" MIP × ¾" CPVC socket	24"	27.98 EA
CG74	646-C3418	1" MIP × ¾" CPVC socket	18"	27.20 EA
CG75	646-C3424	1" MIP × ¾" CPVC socket	24"	31.15 EA

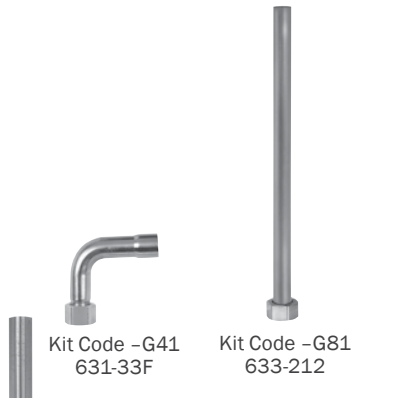


NO LEAD



Sweat Connection -

	Kit Code	Item No	Connection	NO LEAD	Length	List Price
	–G21	633-312	¾" FIP swivel × ¾" full-slip FSWT	✓	12"	14.94 EA
	–G22	633-4312	1" FIP swivel × ¾" full-slip FSWT	✓	12"	22.34 EA
	–G23	633-312C	¾" FIP swivel × ⅞" compression		12"	29.46 EA
	–G81	633-212	¾" FIP swivel × ½" full-slip FSWT	✓	12"	9.95 EA
	–G41	631-33F	¾" FIP swivel × ¾" FSWT elbow	✓	—	11.00 EA
	–G31	633-318	¾" FIP swivel × ¾" male sweat	✓	18"	17.23 EA
NEW	–G85	633-G716FP	¾" dielectric end × ¾" full-slip FSWT	✓	16"	47.96 EA
NEW	–G86	633-G7416FP	1" dielectric end × ¾" full-slip FSWT	✓	16"	54.05 EA

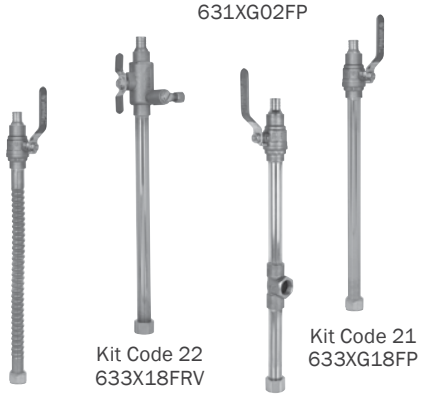




B Cold Side Connection



Kit Code 01
631XG02FP



Kit Code 41
634XG418FP

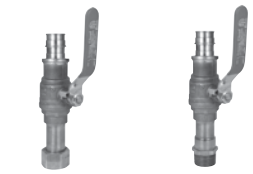
Kit Code 22
633X18FRV

Kit Code 25
633XG18FPT

Kit Code 21
633XG18FP

F1807 PEX Connections

Kit Code	Item No	Connection	Ball Valve	Length	NO LEAD	List Price
01	631XG02FP	¾" PEX F1807 × ¾" FIP swivel elbow	✓	2½" × 6"	✓	41.67 EA
21	633XG18FP	¾" PEX F1807 × ¾" FIP swivel	✓	18"	✓	47.41 EA
25	633XG18FPT	¾" PEX F1807 × ¾" FIP swivel, with ¾" FIP branch	✓	18"	✓	72.91 EA
41	634XG418FP	¾" PEX F1807 × ¾" FIP swivel flexible	✓	18"	✓	40.52 EA
51	646X318FP	¾" PEX F1807 × ¾" MIP	✓	18"	✓	39.10 EA
15	633X418FP	¾" PEX F1807 × 1" FIP swivel	✓	18"	✓	46.49 EA
22	633X18FRV	¾" PEX F1807 × ¾" FIP swivel, with pressure relief ⅜" O.D. compression	✓	18"		
26	633X306FP	¾" PEX F1807 × ¾" FIP swivel	✓	6"	✓	29.74 EA
52	646X306FP	¾" PEX F1807 × ¾" MIP	✓	6"	✓	31.62 EA
44	634XG418FP	¾" PEX F1807 × ¾" FIP swivel flexible	✓	18"	✓	40.52 EA



Kit Code 75
633WG306FP

Kit Code 53
646WG306FP

F1960 PEX Connections

Kit Code	Item No	Connection	Ball Valve	Length	List Price
75	633WG306FP	¾" PEX F1960 × ¾" FIP swivel	✓	6"	47.82 EA
76	633W18FPT	¾" PEX F1960 × ¾" FIP swivel, with ¾" FIP branch	✓	18"	52.43 EA
53	646W306FP	¾" PEX F1960 × ¾" MIP	✓	6"	53.07 EA
45	634WG418FP	¾" PEX F1960 × ¾" FIP swivel flexible	✓	18"	41.23 EA
02	631WG02FP	¾" F1960 × ¾" FIP swivel elbow	✓	7"	43.46 EA
77	633WG18FP	¾" F1960 × ¾" FIP swivel	✓	18"	49.20 EA



Kit Code 11
633AG306FP



Kit Code 01
631AG02FP



Kit Code 41
634AG418FP



Kit Code 12
633AG18FP



Kit Code 43
634VG418FP

F2080 PEX Connections

Kit Code	Item No	Connection	Ball Valve	Length	List Price
01	631AG02FP	¾" PEX F2080 × ¾" FIP swivel elbow	✓	3" × 6½"	57.90 EA
11	633AG306FP	¾" PEX F2080 × ¾" FIP swivel	✓	6"	53.66 EA
12	633AG18FP	¾" PEX F2080 × ¾" FIP swivel	✓	18	62.29 EA
41	634AG418FP	¾" PEX F2080 × ¾" FIP swivel flexible	✓	18"	63.64 EA

Viega® PEX Press® Connections

Kit Code	Item No	Connection	Ball Valve	Length	List Price
43	634VG418FP	¾" Viega PEX Press × ¾" FIP swivel flexible	✓	18"	62.41 EA
03	631VG02FP	¾" PEX Press × ¾" FIP swivel elbow	✓	6"	46.09 EA
78	633VG18FP	¾" PEX Press × ¾" FIP swivel	✓	18"	51.83 EA

B Cold Side Connection

CPVC Connection

Kit Code	Item No	Connection	Ball Valve	Length	NO LEAD	List Price
01	631-CG307FP	¾" FIP swivel × ¾" CPVC socket elbow	✓	3" × 7"	✓	46.84 EA
11	633-CG09FP	¾" FIP swivel × ¾" CPVC socket	✓	9"	✓	49.62 EA
12	633-CG18FP	¾" FIP swivel × ¾" CPVC socket	✓	18"	✓	53.89 EA
14	633-C24FP	¾" FIP swivel × ¾" CPVC socket	✓	24"	✓	45.14 EA
15	633-C418FP	1" FIP swivel × ¾" CPVC socket	✓	18"	✓	47.38 EA
16	633-C424FP	1" FIP swivel × ¾" CPVC socket	✓	24"	✓	52.04 EA
17	633-C18FRV	¾" FIP swivel × ¾" CPVC socket, with pressure relief ⅜" O.D. compression	✓	18"		118.92 EA
21	633-CG18FPT	¾" FIP swivel × ¾" CPVC socket, with ¾" FIP branch	✓	18"	✓	73.92 EA
25	633-C418FRV	1" FIP swivel × ¾" CPVC socket, with pressure relief ⅜" O.D. compression	✓	18"		122.91 EA
51	634-CG118FP	¾" FIP swivel × ¾" CPVC socket flexible	✓	18"	✓	43.79 EA
61	646-C318FP	¾" MIP × ¾" CPVC socket	✓	18"	✓	39.69 EA
63	646-C324FP	¾" MIP × ¾" CPVC socket	✓	24"	✓	45.28 EA
64	646-C3418FP	1" MIP × ¾" CPVC socket	✓	18"	✓	46.92 EA
65	646-C3424FP	1" MIP × ¾" CPVC socket	✓	24"	✓	50.67 EA
81	646-C318FPT	¾" MIP × ¾" CPVC socket, with ¾" FIP branch	✓	18"	✓	61.01 EA
26	633-C06FP	¾" FIP swivel × ¾" CPVC socket	✓	6"	✓	33.18 EA
52	634-CG118FP	¾" FIP swivel flexible × ¾" CPVC socket,	✓	18"	✓	43.79 EA
53	646-C306FP	¾" MIP × ¾" CPVC socket	✓	6"	✓	33.59 EA



Kit Code 01
631-CG307FP



Kit Code 11
633-CG09FP



Kit Code 17
633-C18FRV



Kit Code 51
634-CG118FP



Kit Code 12
633-CG18FP



Kit Code 21
633-CG18FPT

Sweat Connection

Kit Code	Item No	Connection	Ball Valve	Length	List Price
11	633-G312FP	¾" FIP swivel × ¾" full-slip FSWT	✓	12"	42.82 EA
12	633-4312FP	1" FIP swivel × ¾" full-slip FSWT	✓	12"	41.14 EA
15	633-G318FPT	¾" FIP swivel × ¾" full-slip FSWT with ¾" FIP branch	✓	18"	62.58 EA
13	633-G312CFP	¾" FIP swivel × ⅞" compression	✓	12"	61.63 EA
01	631-G305FP	¾" FIP swivel × ¾" FSWT elbow	✓	—	45.59 EA
14	633-306FP	¾" FIP swivel × ¾" female sweat	✓	5"	27.03 EA
56	646-306FP	¾" MIP × ¾" female sweat	✓	5"	30.39 EA
35	633-318FP	¾" FIP swivel × ¾" male sweat	✓	18"	38.75 EA
NEW	G85	633-G716FP	¾" dielectric end × ¾" full-slip FSWT	✓	16"	47.96 EA
NEW	G86	633-G7416FP	1" dielectric end × ¾" full-slip FSWT	✓	16"	54.05 EA



Kit Code 11
633-G312FP



Kit Code 13
633-G312CFP



Kit Code 15
633-G318FPT



Kit Code 01
631-G305FP

C Nipple Option



Kit Code 23
635-33

Kit Code	Item No	Description	Length	List Price
20	—	No nipples	—	—
23	635-33	Two ¾" MIP × ¾" MIP dielectric nipples	3"	4.37 EA
24	635-43	Two 1" MIP × 1" MIP dielectric nipples	3"	7.86 EA

D Expansion Tank Option



Kit Code 91
633-G3TM15



Kit Code 93
633-G3TM11

NO LEAD

Kit Code	Item No	Connection	Length	List Price
—	—	No expansion tank	—	—
91	633-G3TM15	¾" × ¾" FIP swivel with ¾" MIP branch	15"	32.39 EA
92	633-G4TM15	1" × ¾" FIP swivel with ¾" MIP branch	15"	37.69 EA
93	633-G3TM11	¾" × ¾" FIP swivel with ¾" MIP branch	11"	30.41 EA
94	633-G4TM11	1" × ¾" FIP swivel with ¾" MIP branch	11"	26.89 EA

DRAINAGE

COMMERCIAL
On-Grade Drains
Floor Sinks
Flashing Drains
Roof Drains
Cleanouts
Commercial Accessories

RESIDENTIAL
Shower Drains
Floor Drains
Closet Flanges
Backwater Valves
Air Admittance Valves
Residential Accessories

TESTING
Test Devices
Gauges & Accessories



“I can't say enough about the overall quality, durability and acceptability of the Sioux Chief drainage offering. Our customers expect the best and Sioux Chief never lets them down.”

Larry Platz
Morrison Supply

COMMERCIAL

ON-GRADE DRAINS
Finish Line™ Adjustable Floor Drains
Standard Adjustable Floor Drains
Fat Max™
Little Max™
Stainless Fat Max™

FLOOR SINKS
Square Max™
Cast Iron Square Sinks
Fat Max™
Little Max™
Cast Iron Round Sinks
Stainless Fat Max™

FLASHING DRAINS
Finish Line™ Flashing Drains
Standard Flashing Drains
Halo™

ROOF DRAINS
Commercial Drains
Light Commercial Drains

CLEANOUTS
Finish Line™ Adjustable Cleanouts
Standard Adjustable Cleanouts
Halo™
Access Covers
Wall Cleanouts
Cleanout Bushing
Cleanout Plugs

COMMERCIAL ACCESSORIES
Commercial Drain Adapters
Replacement Strainers
Replacement Covers
Miscellaneous

Commercial Drainage



Finish Line™
Adjustable Floor Drain
p 284



Standard Adjustable Floor Drain
p 292



Fat Max™
Large Capacity Floor Drain
p 295



Fat Max™
Stainless Steel Floor Drain
p 297



Square Max™
Square Floor Sink
p 302



Cast Iron Square Floor Sink
p 304



Fat Max™
Round Floor Sink
p 306



Little Max™
Compact Round Floor Sink
p 308



Cast Iron Round Floor Sink
p 309



Finish LIne™
Flashing Drain
p 312



Standard Flashing Drain
p 323



Halo™ Drain
Adjustable Floor Drain with Deck Flange
p 327



Cast Iron Roof Drain
p 330



Roof Drain & Overflow
p 331



Solvent Weld Roof Drain
p 334



Finish Line™
Adjustable Cleanout
p 339



Standard Adjustable Cleanout
p 344



Halo™ Cleanout
Adjustable Cleanout with Deck Flange
p 346



Access Cover Cleanout
p 348



Cleanout Wall Cover
p 351

ON-GRADE DRAINS

FINISH LINE™ ADJUSTABLE FLOOR DRAINS

STANDARD ADJUSTABLE FLOOR DRAINS

FAT MAX™

LITTLE MAX™

STAINLESS FAT MAX™

Finish Line™

Adjustable Floor Drain

Patent #7,735,512

The Finish Line™ allows for adjustment of the drain after the pour. Achieve a perfect finish for every strainer, every time.



Finish Fixture



Coring Plug



Coring Sleeve

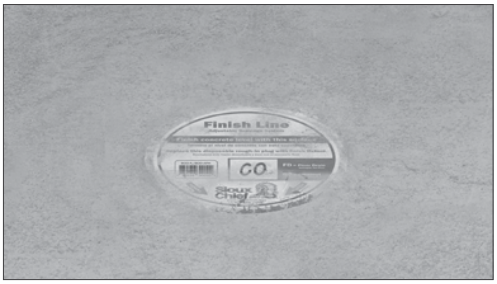


Base Adapter

Installing the Finish Line



Set Drain



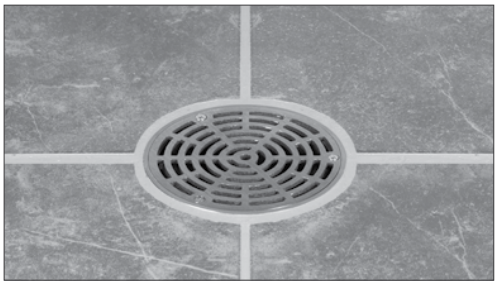
Pour Concrete Flush with Plug



Remove Coring Plug



Install Finish Fixture



A Perfect Finish

Eliminate drains set too high or too low.
Stop wrapping threads and boxing out.







Eliminate finish fixture damage by
keeping them off the job during construction.







Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

Finish Line™

Adjustable Floor Drain
Ductile Iron No-Hub Connection

- Adjustable AFTER the pour
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian areas
- Ductile iron strainers for use in heavy-duty applications



832-4DNQ



Rough-in Drain
Base adapter, coring sleeve and coring plug



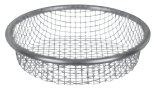
Finish Fixture
Head adapter, ring and strainer



Complete Assembly
Includes rough-in drain and boxed finish fixture



832-S4



832-UM

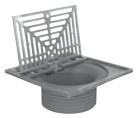


832-EX4

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
H	Hinged strainer (not available for ductile iron)	$12.00
E	Extended ring [1]	$60.00
B	Complies with Buy American Act [1]	$47.50
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load)[2]	$30.00

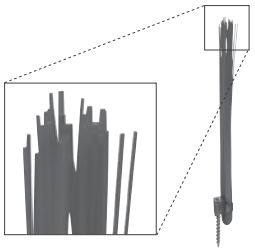
[1] Only available for round nickel bronze ring and strainer.
[2] Available for round 304 SS ring & strainer.



Option H
Hinged Strainer

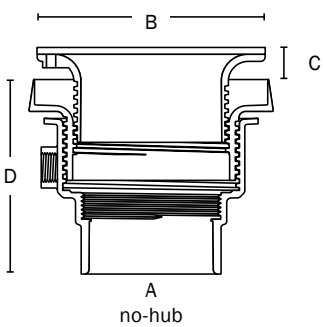


832-4HHD



832-W
Locating bristles

Item No	Ring & Strainer	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
				ROUGH-IN DRAIN					
832-3DF	(Coring plug)	3"	—	—	5¼"–6½"	B*	1	10	47.25 EA
832-4DF	(Coring plug)	4"	—	—	5½"–6¾"	B*	1	10	47.25 EA
				FINISH FIXTURE					
832-4DHiR	Round ductile	—	6½"	—	—	B*	1	10	52.00 EA
832-4DHNR	Round ni-brnz	—	6½"	—	—	B*	1	10	60.00 EA
832-4DHNQ	Square ni-brnz	—	7"	—	—	B*	1	10	85.00 EA
832-4DHSR	Round 304 SS	—	6½"	—	—	B*	1	1	60.00 EA
832-4DHSQ	Square 304 SS	—	7"	—	—	B*	1	1	85.00 EA
				COMPLETE ASSEMBLY					
832-3DiR	Round ductile	3"	6½"	0"–1¼"	5¼"–6½"	B*	1	1	99.25 EA
832-3DNR	Round ni-brnz	3"	6½"	0"–1¼"	5¼"–6½"	B*	1	1	107.25 EA
832-3DNQ	Square ni-brnz	3"	7"	5⁄16"–1¼"	5¼"–6½"	B*	1	1	132.25 EA
832-3DSR	Round 304 SS	3"	6½"	0"–1¼"	5¼"–6½"	B*	1	1	107.25 EA
832-3DSQ	Square 304 SS	3"	7"	5⁄16"–1¼"	5¼"–6½"	B*	1	1	132.25 EA
832-4DiR	Round ductile	4"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	99.25 EA
832-4DNR	Round ni-brnz	4"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	107.25 EA
832-4DNQ	Square ni-brnz	4"	7"	5⁄16"–1¼"	5½"–6¾"	B*	1	1	132.25 EA
832-4DSR	Round 304 SS	4"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	107.25 EA
832-4DSQ	Square 304 SS	4"	7"	5⁄16"–1¼"	5½"–6¾"	B*	1	1	132.25 EA
				ACCESSORIES					
NEW 832-4HHD	Hub drain finish fixture, ABS/PVC					B*	1	10	15.00 EA
NEW 832-4DHHD	Hub drain finish fixture, iron					B*	1	1	52.75 EA
863-FA	Round aluminum condensate funnel with screws					B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws					B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws					B*	1	5	149.75 EA
832-S4	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-UM	4¼" stainless steel debris basket					B*	1	1	15.50 EA
832-EX4	Ductile iron extension nipple					B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw					B*	1	10	5.00 EA



Finish Line™

Adjustable Floor Drain
Ductile Iron No-Hub Connection

- Adjustable AFTER the pour
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze or stainless steel strainer for use in pedestrian traffic areas



832-35DNR



Rough-in Drain
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and strainer



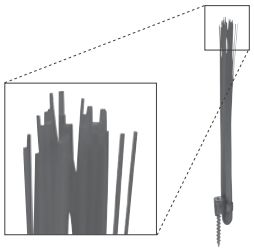
Complete Assembly
Includes rough-in drain and boxed finish fixture



832-S3



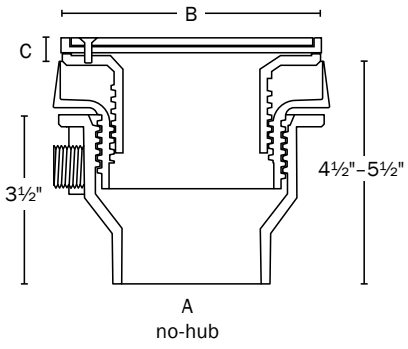
863-FA



832-W
Locating bristles



832-3HHD



Options: Add letter suffix. Add prices to list.

	V	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00

[1] Only available for round nickel bronze ring and strainer.

	Item No	Ring & Strainer	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN							
	832-25DF	(Coring plug)	2"	—	—	B*	1	1	41.25 EA
	832-35DF	(Coring plug)	3"	—	—	B*	1	1	41.25 EA
		FINISH FIXTURE							
	832-3DHNR	Round ni-brnz	—	5½"	—	B*	1	1	48.75 EA
	832-3DHNQ	Square ni-brnz	—	5⅞"	—	B*	1	1	63.75 EA
	832-3DHSR	Round 304 SS	—	5½"	—	B*	1	1	48.75 EA
	832-3DHSQ	Square 304 SS	—	5⅞"	—	B*	1	1	63.75 EA
		COMPLETE ASSEMBLY							
	832-25DNR	Round ni-brnz	2"	5½"	0–1"	B*	1	1	90.00 EA
	832-25DNQ	Square ni-brnz	2"	5⅞"	5⁄16"–1"	B*	1	1	105.00 EA
	832-25DSR	Round 304 SS	2"	5½"	0–1"	B*	1	1	90.00 EA
	832-25DSQ	Square 304 SS	2"	5⅞"	5⁄16"–1"	B*	1	1	105.00 EA
	832-35DNR	Round ni-brnz	3"	5½"	0–1"	B*	1	1	90.00 EA
	832-35DNQ	Square ni-brnz	3"	5⅞"	5⁄16"–1"	B*	1	1	105.00 EA
	832-35DSR	Round 304 SS	3"	5½"	0–1"	B*	1	1	90.00 EA
	832-35DSQ	Square 304 SS	3"	5⅞"	5⁄16"–1"	B*	1	1	105.00 EA
		ACCESSORIES							
NEW	832-3HHD	Hub drain finish fixture ABS/PVC				B*	1	10	12.00 EA
	863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
	863-FN	Round nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
	863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5	149.75 EA
	832-S3	Two adjustment shims, two ¾" screws				B*	1	10	5.00 EA
	832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA

Finish Line™

Adjustable Floor Drain
Ductile Iron No-Hub Connection

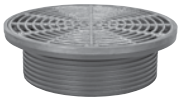
- Adjustable AFTER the pour
- For large capacity or high-flow applications such as outdoor terraces, walkways or patios
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze or stainless steel strainers for use in pedestrian traffic areas



832-49DNR



Rough-in Drain
Base adapter, coring sleeve and coring plug



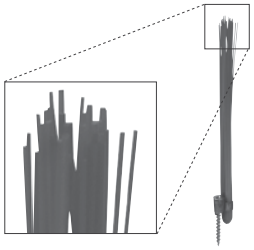
Finish Fixture
Head adapter, ring and strainer



Complete Assembly
Includes rough-in drain and boxed finish fixture



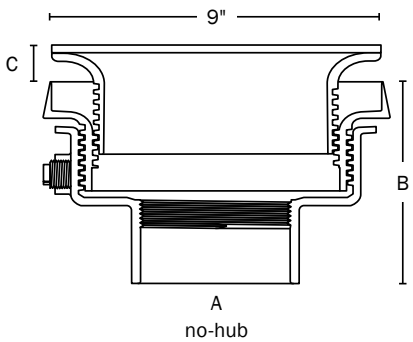
863-FA



832-W
Locating bristles

Options: Add letter suffix. Add price to list.
V Vandal-resistant screws $5.00

Item No	Ring & Strainer	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
			ROUGH-IN DRAIN					
832-49DF	(Coring plug)	4"	5½"–7"	—	B*	1	1	99.50 EA
832-6DF	(Coring plug)	6"	6¼"–7¾"	—	B*	1	1	99.50 EA
			FINISH FIXTURE					
832-6DHNR	Nickel bronze	—	—	—	B*	1	1	127.50 EA
832-6DHSR	304 stainless steel	—	—	—	B*	1	1	127.50 EA
			COMPLETE ASSEMBLY					
832-49DNR	Nickel bronze	4"	5½"–7"	0"–1½"	B*	1	1	227.00 EA
832-6DNR	Nickel bronze	6"	6¼"–7¾"	0"–1½"	B*	1	1	227.00 EA
832-49DSR	304 stainless steel	4"	5½"–7"	0"–1½"	B*	1	1	227.00 EA
832-6DSR	304 stainless steel	6"	6¼"–7¾"	0"–1½"	B*	1	1	227.00 EA
			ACCESSORIES					
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5	149.75 EA
832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA



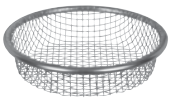
Finish Line™

Adjustable Floor Drain
Ductile Iron Push-Joint Connection

- Adjustable AFTER the pour
- Ductile iron base adapter, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian areas
- Ductile iron strainers for use in heavy-duty applications



832-63DNR



832-UM



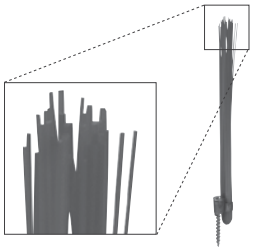
832-S4



832-EX4



832-4HHD



832-W
Locating bristles



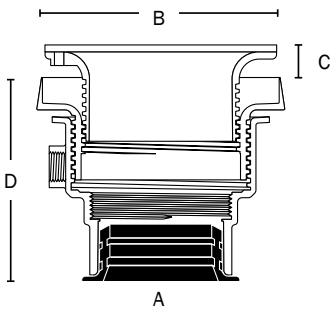
Option E
Extended Ring

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
H	Hinged strainer (not available for ductile iron)	$12.00
E	Extended ring [1]	$60.00
B	Complies with Buy American Act [1]	$47.50
NEW **P**	Push-joint gasket to fit Sch. 40 ABS/PVC pipe	$3.00
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load)[2]	$30.00

[1] Only available for round nickel bronze ring and strainer.
[2] Available for round 304 SS ring & strainer.

Item No	Ring & Strainer	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
			ROUGH-IN DRAIN						
832-63DF	(Coring plug)	3"	—	—	5⅝"–6⅞"	B*	1	1	47.25 EA
832-64DF	(Coring plug)	4"	—	—	5⅞"–7⅛"	B*	1	1	47.25 EA
			FINISH FIXTURE						
832-4DHiR	Round ductile	—	6½"	—	—	B*	1	10	52.00 EA
832-4DHNR	Round ni-brnz	—	6½"	—	—	B*	1	10	60.00 EA
832-4DHNQ	Square ni-brnz	—	7"	—	—	B*	1	10	85.00 EA
832-4DHSR	Round 304 SS	—	6½"	—	—	B*	1	1	60.00 EA
832-4DHSQ	Square 304 SS	—	7"	—	—	B*	1	1	85.00 EA
			COMPLETE ASSEMBLY						
832-63DiR	Round ductile	3"	6½"	0"–1¼"	5⅝"–6⅞"	B*	1	1	99.25 EA
832-63DNR	Round ni-brnz	3"	6½"	0"–1¼"	5⅝"–6⅞"	B*	1	1	107.25 EA
832-63DNQ	Square ni-brnz	3"	7"	5⁄16"–1¼"	5⅝"–6⅞"	B*	1	1	132.25 EA
832-63DSR	Round 304 SS	3"	6½"	0"–1¼"	5⅝"–6⅞"	B*	1	1	107.25 EA
832-63DSQ	Square 304 SS	3"	7"	5⁄16"–1¼"	5⅝"–6⅞"	B*	1	1	132.25 EA
832-64DiR	Round ductile	4"	6½"	0"–1¼"	5⅞"–7⅛"	B*	1	1	99.25 EA
832-64DNR	Round ni-brnz	4"	6½"	0"–1¼"	5⅞"–7⅛"	B*	1	1	107.25 EA
832-64DNQ	Square ni-brnz	4"	7"	5⁄16"–1¼"	5⅞"–7⅛"	B*	1	1	132.25 EA
832-64DSR	Round 304 SS	4"	6½"	0"–1¼"	5⅞"–7⅛"	B*	1	1	107.25 EA
832-64DSQ	Square 304 SS	4"	7"	5⁄16"–1¼"	5⅞"–7⅛"	B*	1	1	132.25 EA
			ACCESSORIES						
NEW 832-4HHD	Hub drain finish fixture, ABS/PVC					B*	1	10	15.00 EA
NEW 832-4DHHD	Hub drain finish fixture, iron					B*	1	1	52.75 EA
NEW 858-PG4	Push-joint gasket for 4" Sch. 40 pipe					B*	1	1	10.50 EA
863-FA	Round aluminum condensate funnel with screws					B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws					B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws					B*	1	5	149.75 EA
832-S4	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-UM	4¼" stainless steel debris basket					B*	1	1	15.50 EA
832-EX4	Ductile iron extension nipple					B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw					B*	1	10	5.00 EA



Finish Line™

Adjustable Floor Drain
Stainless Steel No-Hub Connection

- Adjustable AFTER the pour
- 304 Stainless steel base adapter, coring sleeve, head adapter and poly coring plug
- Stainless steel material is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories
- Stainless steel strainers for use in pedestrian traffic areas



832-3SSR



Rough-in Drain
Base adapter, coring sleeve and coring plug



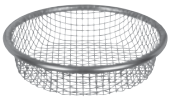
Finish Fixture
Head adapter, ring and strainer



Complete Assembly
Includes rough-in drain and boxed finish fixture



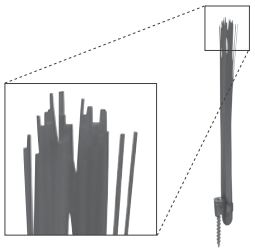
832-S4



832-UM



863-FA



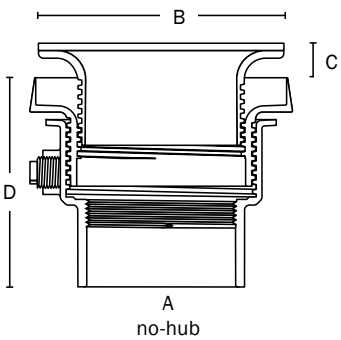
832-W
Locating bristles

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
H	Hinged strainer	$12.00
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load)[1]	$30.00

[1] Not available for square ring & strainer

Item No	Ring & Strainer	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
				ROUGH-IN DRAIN					
832-3SF	(Coring plug)	3"	—	—	5¼"–6½"	B*	1	1	267.00 EA
832-4SF	(Coring plug)	4"	—	—	5½"–6¾"	B*	1	1	267.00 EA
				FINISH FIXTURE					
832-4SHSR	Round 304 SS	—	6½"	—	—	B*	1	1	125.50 EA
832-4SHSQ	Square 304 SS	—	7"	—	—	B*	1	1	146.50 EA
				NO-HUB COMPLETE ASSEMBLY					
832-3SSR	Round 304 SS	3"	6½"	0"–1¼"	5¼"–6½"	B*	1	1	392.50 EA
832-3SSQ	Square 304 SS	3"	7"	5/16"–1¼"	5¼"–6½"	B*	1	1	413.50 EA
832-4SSR	Round 304 SS	4"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	392.50 EA
832-4SSQ	Square 304 SS	4"	7"	5/16"–1¼"	5½"–6¾"	B*	1	1	413.50 EA
				ACCESSORIES					
863-FA	Round aluminum condensate funnel with screws					B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws					B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws					B*	1	5	149.75 EA
832-S4	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-UM	4¼" stainless steel debris basket					B*	1	1	15.50 EA
832-W	Flexible red locating bristles with screw					B*	1	10	5.00 EA



Finish Line™

Adjustable Floor Drain
Sch. 40 Hub Connection

- Adjustable AFTER the pour
- ABS/PVC base adapter, ABS coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



832-4PNQ



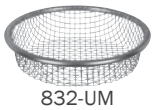
Rough-in Drain
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and strainer



Complete Assembly
Includes rough-in drain and boxed finish fixture



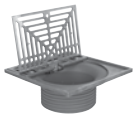
832-UM



832-S4



832-EX4



Option H
Hinged strainer

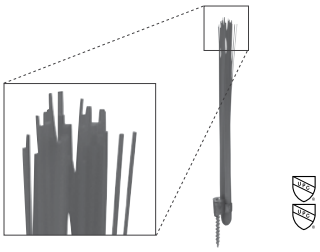
Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
H	Hinged strainer	$12.00
E	Extended ring [1]	$60.00
B	Complies with Buy American Act [1]	$47.50

[1] Only available for round nickel bronze ring and strainer.

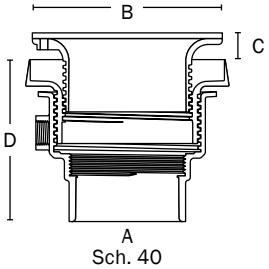


832-4HHD



832-W
Locating bristles

PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
ROUGH-IN DRAIN										
832-2PF	832-2AF	(Coring plug)	2"	—	—	5½"–6¾"	B*	1	10	19.00 EA
832-36PF	832-36AF	(Coring plug)	3" × 4"	—	—	5¼"–6½"	B*	1	10	19.00 EA
832-4PF	832-4AF	(Coring plug)	4"	—	—	5½"–6¾"	B*	1	10	19.00 EA
FINISH FIXTURE										
832-4HNR	—	Round ni-brnz	—	6½"	—	—	B*	1	10	51.50 EA
832-4HNQ	—	Square ni-brnz	—	7"	—	—	B*	1	10	76.50 EA
832-4HSR	—	Round 304 SS	—	6½"	—	—	B*	1	1	51.50 EA
832-4HSQ	—	Square 304 SS	—	7"	—	—	B*	1	1	76.50 EA
COMPLETE ASSEMBLY										
832-2PNR	832-2ANR	Round ni-brnz	2"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	70.50 EA
832-2PNQ	832-2ANQ	Square ni-brnz	2"	7"	5/16"–1¼"	5½"–6¾"	B*	1	1	95.50 EA
832-2PSR	832-2ASR	Round 304 SS	2"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	70.50 EA
832-2PSQ	832-2ASQ	Square 304 SS	2"	7"	5/16"–1¼"	5½"–6¾"	B*	1	1	95.50 EA
832-36PNR	832-36ANR	Round ni-brnz	3" × 4"	6½"	0"–1¼"	5¼"–6½"	B*	1	1	70.50 EA
832-36PNQ	832-36ANQ	Square ni-brnz	3" × 4"	7"	5/16"–1¼"	5¼"–6½"	B*	1	1	95.50 EA
832-36PSR	832-36ASR	Round 304 SS	3" × 4"	6½"	0"–1¼"	5¼"–6½"	B*	1	1	70.50 EA
832-36PSQ	832-36ASQ	Square 304 SS	3" × 4"	7"	5/16"–1¼"	5¼"–6½"	B*	1	1	95.50 EA
832-4PNR	832-4ANR	Round ni-brnz	4"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	70.50 EA
832-4PNQ	832-4ANQ	Square ni-brnz	4"	7"	5/16"–1¼"	5½"–6¾"	B*	1	1	95.50 EA
832-4PSR	832-4ASR	Round 304 SS	4"	6½"	0"–1¼"	5½"–6¾"	B*	1	1	70.50 EA
832-4PSQ	832-4ASQ	Square 304 SS	4"	7"	5/16"–1¼"	5½"–6¾"	B*	1	1	95.50 EA
ACCESSORIES										
832-4HHD	—	Hub drain finish fixture, ABS/PVC					B*	1	10	15.00 EA
832-4DHHD	—	Hub drain finish fixture, iron					B*	1	1	52.75 EA
863-FA	—	Round aluminum condensate funnel with screws					B*	1	5	30.00 EA
863-FN	—	Round nickel bronze condensate funnel with screws					B*	1	5	67.50 EA
863-FNO	—	Oval nickel bronze condensate funnel with screws					B*	1	5	149.75 EA
832-S4	—	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-UM	—	4¼" stainless steel debris basket					B*	1	1	15.50 EA
832-EX4	—	Ductile iron extension nipple					B*	1	1	22.50 EA
832-W	—	Flexible red locating bristles with screw					B*	1	10	5.00 EA



Finish Line™

Adjustable Floor Drain
Sch. 40 Hub Connection

- Adjustable AFTER the pour
- ABS/PVC base adapter, ABS coring sleeve, head adapter and poly coring plug
- For use in pedestrian traffic areas



832-25PNR



Rough-in Drain
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and strainer



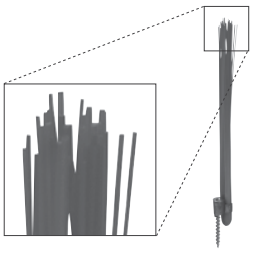
Complete Assembly
Includes rough-in drain and boxed finish fixture



832-S3



863-FA



832-W
Locating bristles

Options: Add letter suffix. Add price to list.

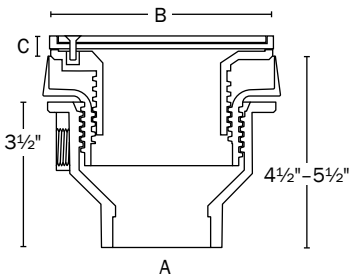
	V	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00

[1] Only available for round nickel bronze ring and strainer.

PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
ROUGH-IN DRAIN									
832-25PF	832-25AF	(Coring plug)	2" × 3"	—	—	B*	1	10	15.50 EA
832-35PF	832-35AF	(Coring plug)	3" × 4"	—	—	B*	1	10	15.50 EA
FINISH FIXTURE									
832-3HNR	—	Round ni-brnz	—	5½"	—	B*	1	10	37.00 EA
832-3HNQ	—	Square ni-brnz	—	5⅞"	—	B*	1	10	52.00 EA
832-3HSR	—	Round 304 SS	—	5½"	—	B*	1	1	37.00 EA
832-3HSQ	—	Square 304 SS	—	5⅞"	—	B*	1	1	52.00 EA
COMPLETE ASSEMBLY									
832-25PNR	832-25ANR	Round ni-brnz	2" × 3"	5½"	0–1"	B*	1	1	52.50 EA
832-25PNQ	832-25ANQ	Square ni-brnz	2" × 3"	5⅞"	5⁄16"–1"	B*	1	1	67.50 EA
832-25PSR	832-25ASR	Round 304 SS	2" × 3"	5½"	0–1"	B*	1	1	52.50 EA
832-25PSQ	832-25ASQ	Square 304 SS	2" × 3"	5⅞"	5⁄16"–1"	B*	1	1	67.50 EA
832-35PNR	832-35ANR	Round ni-brnz	3" × 4"	5½"	0–1"	B*	1	1	52.50 EA
832-35PNQ	832-35ANQ	Square ni-brnz	3" × 4"	5⅞"	5⁄16"–1"	B*	1	1	67.50 EA
832-35PSR	832-35ASR	Round 304 SS	3" × 4"	5½"	0–1"	B*	1	1	52.50 EA
832-35PSQ	832-35ASQ	Square 304 SS	3" × 4"	5⅞"	5⁄16"–1"	B*	1	1	67.50 EA
ACCESSORIES									
NEW 832-3HHD	Hub Drain Finish Fixture ABS/PVC					B*	1	10	12.00 EA
863-FA	Round aluminum condensate funnel with screws					B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws					B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws					B*	1	5	149.75 EA
832-S3	Two adjustment shims, two ¾" screws					B*	1	10	5.00 EA
832-W	Flexible red locating bristles with screw					B*	1	10	5.00 EA



832-3HHD



On-Grade Adjustable Floor Drain
Sch. 40 Hub Connection

Round or Square Ring and Strainer

- Sch. 40 hub adapter available in ABS or PVC
- Acme threads are stronger than pipe threads and prevent cross-threading
- Pre-threaded trap primer port for knockout connection
- Ductile iron head adapter available
- Square ring is great for floor tile
- For use in pedestrian traffic areas



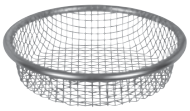
842-3PSR



842-3PNQ



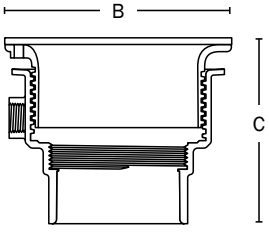
842-36Pi



842-UM



863-FA



Options: Add letter suffix. Add prices to list.

	V	Vandal-resistant screws	$5.00
	H	Hinged strainer [1]	$12.00
	E	Extended ring [2]	$60.00
	B	Complies with Buy American Act [2]	$40.00
NEW	**Y**	Ductile iron head adapter in place of ABS	$20.00
NEW	**M**	Medium-duty strainer (3,000 lbs. safe-load)[3]	$30.00



Option E
Extended Ring

[1] Available for 6½" and 7" nickel bronze or 304 stainless steel ring/strainer.
[2] Available for round nickel bronze ring/strainer.
[3] Available for round 304 SS ring & strainer.

PVC Item No	ABS Item No	Shape	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE									
842-2PNR	842-2ANR	Round	2" × 3"	5½"	4⅜"–5⅛"	B*	1	10	47.50 EA
842-3PNR	842-3ANR	Round	3" × 4"	5½"	4⅜"–5⅛"	B*	1	8	47.50 EA
842-36PNR	842-36ANR	Round	3" × 4"	6½"	5⅛"–6¼"	B*	1	10	57.50 EA
842-4PNR	842-4ANR	Round	4" hub	6½"	5⅜"–6½"	B*	1	10	57.50 EA
842-2PNQ	842-2ANQ	Square	2" × 3"	5⅞"	4⅜"–5⅛"	B*	1	10	62.50 EA
842-3PNQ	842-3ANQ	Square	3" × 4"	5⅞"	4⅜"–5⅛"	B*	1	10	62.50 EA
842-36PNQ	842-36ANQ	Square	3" × 4"	7"	5⅛"–6¼"	B*	1	10	82.50 EA
842-4PNQ	842-4ANQ	Square	4" hub	7"	5⅜"–6½"	B*	1	10	82.50 EA
STAINLESS STEEL									
842-2PSR	842-2ASR	Round	2" × 3"	5½"	4⅜"–5⅛"	B*	1	10	47.50 EA
842-3PSR	842-3ASR	Round	3" × 4"	5½"	4⅜"–5⅛"	B*	1	8	47.50 EA
842-36PSR	842-36ASR	Round	3" × 4"	6½"	5⅛"–6¼"	B*	1	10	57.50 EA
842-4PSR	842-4ASR	Round	4" hub	6½"	5⅜"–6½"	B*	1	10	57.50 EA
842-2PSQ	842-2ASQ	Square	2" × 3"	5⅞"	4⅜"–5⅛"	B*	1	10	62.50 EA
842-3PSQ	842-3ASQ	Square	3" × 4"	5⅞"	4⅜"–5⅛"	B*	1	10	62.50 EA
842-36PSQ	842-36ASQ	Square	3" × 4"	7"	5⅛"–6¼"	B*	1	1	82.50 EA
842-4PSQ	842-4ASQ	Square	4" hub	7"	5⅜"–6½"	B*	1	10	82.50 EA
CAST IRON									
842-2Pi	842-2Ai	Round	2" × 3"	6⅛"	4¾"–5½"	B*	1	2	42.50 EA
842-3Pi	842-3Ai	Round	3" × 4"	6⅛"	4¾"–5½"	B*	1	2	42.50 EA
842-36Pi	842-36Ai	Round	3" × 4"	6⅝"	5½"–6⅝"	B*	1	2	51.50 EA
842-4Pi	842-4Ai	Round	4" hub	6⅝"	5¾"–6⅞"	B*	1	2	51.50 EA
ACCESSORIES									
863-FA	—	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	—	Round nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	—	Oval nickel bronze condensate funnel with screws				B*	1	5	149.75 EA
842-UM	—	4⅝" stainless steel debris basket (use with 842-4_ or 842-36_ only)				B*	1	1	15.00 EA

On-Grade Adjustable Floor Drain
ABS MIP Thread

Round or Square Ring and Strainer

- Available in nickel bronze, stainless steel, cast iron (round only) and ABS
- MIP thread models adapt to any standard FIP adapter



842-3LNR



842-3LNQ



842-3Li



842-3LP

Options: Add letter suffix. Add prices to list.

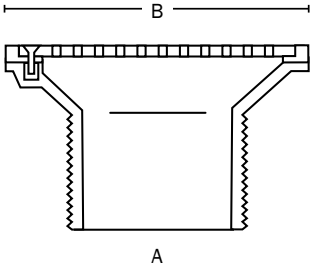
V	Vandal-resistant screws	$5.00
H	Hinged strainer [1]	$12.00
E	Extended ring [2]	$60.00
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load)[3]	$30.00

[1] Available for 6½" nickel bronze or 304 stainless steel ring/strainer.
[2] Available for 6½" nickel bronze ring/strainer.
[3] Available for round 304 SS ring & strainer.



Option H
Hinged Strainer

Item No	Ring & Strainer	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
ROUND RING AND STRAINER							
842-2LNR	Nickel bronze	2" MIP	4½"	B*	1	10	35.00 EA
842-3LNR	Nickel bronze	3" MIP	5½"	B*	1	10	42.50 EA
842-3LNRPK	Nickel bronze	3" MIP	5½"	C*	5	5	43.75 EA
842-36LNR	Nickel bronze	3" MIP	6½"	B*	1	10	50.00 EA
842-4LNR	Nickel bronze	4" MIP	6½"	B*	1	10	52.50 EA
842-2LSR	304 stainless	2" MIP	4½"	B*	1	10	35.00 EA
842-3LSR	304 stainless	3" MIP	5½"	B*	1	10	42.50 EA
842-36LSR	304 stainless	3" MIP	6½"	B*	1	10	50.00 EA
842-4LSR	304 stainless	4" MIP	6½"	B*	1	10	52.50 EA
842-2Li	Cast iron	2" MIP	5"	B*	1	5	30.00 EA
842-3Li	Cast iron	3" MIP	6⅛"	B*	1	5	37.50 EA
842-36Li	Cast iron	3" MIP	6⅝"	B*	1	5	44.00 EA
842-4Li	Cast iron	4" MIP	6⅝"	B*	1	5	46.50 EA
842-2LP	Gray ABS	2" MIP	4⅜"	B*	1	10	20.00 EA
842-3LP	Gray ABS	3" MIP	5½"	B*	1	10	22.50 EA
842-36LP	Gray ABS	3" MIP	6½"	B*	1	10	25.00 EA
842-4LP	Gray ABS	4" MIP	6½"	B*	1	10	27.50 EA
SQUARE RING AND STRAINER							
842-2LNQ	Nickel bronze	2" MIP	4½"	B*	1	5	45.00 EA
842-3LNQ	Nickel bronze	3" MIP	5⅞"	B*	1	5	57.50 EA
842-36LNQ	Nickel bronze	3" MIP	7"	B*	1	5	75.00 EA
842-4LNQ	Nickel bronze	4" MIP	7"	B*	1	5	77.50 EA
842-2LSQ	304 stainless	2" MIP	4½"	B*	1	5	45.00 EA
842-3LSQ	304 stainless	3" MIP	5⅞"	B*	1	5	57.50 EA
842-36LSQ	304 stainless	3" MIP	7"	B*	1	5	75.00 EA
842-4LSQ	304 stainless	4" MIP	7"	B*	1	5	77.50 EA
ACCESSORIES							
863-FA	Round aluminum condensate funnel with screws			B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5	149.75 EA
832-UM	4⅜" diameter debris basket (for use with 842-4_ models only)			B*	1	1	15.50 EA



On-Grade Adjustable Floor Drain
Cast Iron MIP Thread

Round or Square Ring and Strainer

- Available with nickel bronze (light-duty), or cast iron (heavy-duty) strainer
- MIP thread connection adapts to standard FIP adapters



842-3iLNR



842-3iLNQ



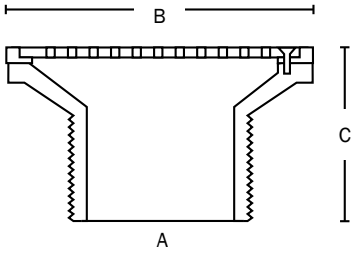
842-3iLi

Options: Add letter suffix. Add prices to list.

V Vandal-resistant screws [1] $5.00

[1] Not available on cast iron ring and strainer.

Item No	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
ROUND NICKEL BRONZE RING & STRAINER							
842-2iLNR	2" MIP	4½"	2⅜"	B*	1	2	70.00 EA
842-3iLNR	3" MIP	5½"	2⅜"	B*	1	2	50.00 EA
842-4iLNR	4" MIP	6½"	2⅜"	B*	1	2	67.50 EA
SQUARE NICKEL BRONZE RING & STRAINER							
842-2iLNQ	2" MIP	4½"	2⅜"	B*	1	2	80.00 EA
842-3iLNQ	3" MIP	5⅞"	2⅜"	B*	1	2	65.00 EA
842-4iLNQ	4" MIP	7"	2⅜"	B*	1	2	92.50 EA
CAST IRON RING & STRAINER							
842-2iLi	2" MIP	5"	2⅝	B*	1	2	65.00 EA
842-3iLi	3" MIP	6⅛"	3⅛	B*	1	2	45.00 EA
842-4iLi	4" MIP	6⅝"	3⅛	B*	1	2	61.50 EA
ACCESSORIES							
863-FA	Round aluminum condensate funnel with screws			B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5	149.75 EA
832-UM	4¼" stainless steel debris basket (for use with 842-4_ models only)			B*	1	1	15.50 EA



Fat Max™

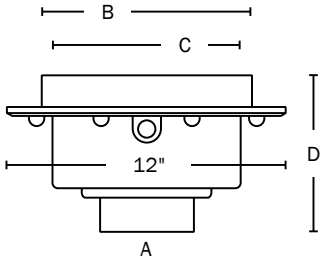
Large-Capacity Floor Drain

- ABS or PVC solvent weld connection
- Low profile design with anchor flange for a solid installation



860-3PZ

	PVC Item No	ABS Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
			WITH ABS OR PVC STRAINER							
	860-2P	860-2A	2"	9"	8½"	6⅜"	B*	1	4	57.50 EA
NEW	860-3P	860-3A	3 × 4"	9"	8½"	6⅜"	B*	1	4	57.50 EA
NEW	860-4P	860-4A	4"	9"	8½"	6⅜"	B*	1	4	57.50 EA
	860-6P	860-6A	6"	9"	8½"	8⅛"	B*	1	1	140.00 EA
			WITH NICKEL BRONZE RING & STRAINER							
	860-2PN	860-2AN	2"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
NEW	860-3PN	860-3AN	3 × 4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
NEW	860-4PN	860-4AN	4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	860-6PN	860-6AN	6"	9¾"	9⅜"	8⅝"	B*	1	1	320.00 EA
			WITH STAINLESS STEEL RING & STRAINER							
	860-2PZ	860-2AZ	2"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
NEW	860-3PZ	860-3AZ	3 × 4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
NEW	860-4PZ	860-4AZ	4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	860-6PZ	860-6AZ	6"	9¾"	9⅜"	8⅝"	B*	1	1	320.00 EA
			WITH CAST IRON RING & STRAINER							
	860-2Pi	860-2Ai	2"	9⅜"	8½"	6⅜"	B*	1	2	102.50 EA
NEW	860-3Pi	860-3Ai	3 × 4"	9⅜"	8½"	6⅜"	B*	1	2	102.50 EA
NEW	860-4Pi	860-4Ai	4"	9⅜"	8½"	6⅜"	B*	1	2	102.50 EA
	860-6Pi	860-6Ai	6"	9⅜"	8½"	8⅛"	B*	1	2	185.00 EA



Sch. 40 hub

Fat Max™

Large-Capacity Floor Drain

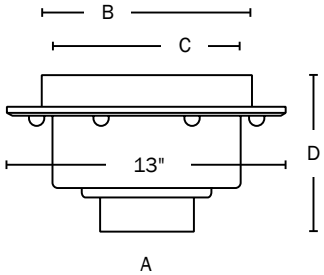
- Cast iron no-hub or push-joint connection
- Low profile design with anchor flange for a solid installation



860-23i

	No-Hub Item No	Push-Joint Item No	Dimensions A	B	C	D†	Pkg	Min Qty	Case Qty	List Price
			WITH NICKEL BRONZE RING & STRAINER							
NEW	860-22N	860-62N	2"	9¾"	9⅜	7¼"	B*	1	1	252.50 EA
NEW	860-23N	860-63N	3"	9¾"	9⅜"	7¼"	B*	1	1	252.50 EA
NEW	860-24N	860-64N	4"	9¾"	9⅜"	7¼"	B*	1	1	252.50 EA
	860-26N	—	6"	9¾"	9⅜"	7¾"	B*	1	1	252.50 EA
			WITH STAINLESS STEEL RING & STRAINER							
NEW	860-22Z	860-62Z	2"	9¾"	9⅜	7¼"	B*	1	1	252.50 EA
NEW	860-23Z	860-63Z	3"	9¾"	9⅜"	7¼"	B*	1	1	252.50 EA
NEW	860-24Z	860-64Z	4"	9¾"	9⅜"	7¼"	B*	1	1	252.50 EA
	860-26Z	—	6"	9¾"	9⅜"	7¾"	B*	1	1	252.50 EA
			WITH CAST IRON STRAINER							
NEW	860-22i	860-62i	2"	9"	8½"	6¾"	B*	1	1	107.50 EA
NEW	860-23i	860-63i	3"	9"	8½"	6¾"	B*	1	1	107.50 EA
NEW	860-24i	860-64i	4"	9"	8½"	6¾"	B*	1	1	107.50 EA
	860-26i	—	6"	9"	8½"	7¼"	B*	1	1	107.50 EA

† Add ⅜" to this dimension for push-joint connection



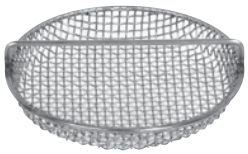
Fat Max™

Options, Strainers and Accessories

- Customize the Fat Max™ to your specific application
- Options are factory installed
- Strainers and accessories are ordered and sold separately



Option C / 860-C



Option W / 860-UM



Option S / 860-S



Option U / 860-U



Option F / 863-FN



Option FO / 863-FNO

Suffix Code	Description	Availability Restrictions	Change to List Price
	OPTIONS		
	When ordering multiple options, please list suffix code **in the order they are shown below** to the appropriate Fat Max item number from the previous page		
N	Nickel bronze veneer	Only for ABS/PVC drains with cast iron strainers	+ 92.50
S	PVC sand bucket for sump area	—	+9.75
U	PVC debris bucket for sump area	—	+9.75
C	PVC clamping collar with stainless steel bolts	Only for ABS/PVC drains	+12.75
C	Cast iron clamping collar with SS bolts	Only for cast iron drains	+17.50
V	Vandal-resistant screws for strainer	Not for cast iron strainers	+8.00
T	Tapped trap primer connection, ½" FIP	Only for ABS/PVC drains	+8.00
W	Stainless steel debris basket for sump area	—	+35.00
F	Round nickel bronze condensate funnel	—	+67.50
FA	Round aluminum condensate funnel	—	+30.00
FO	Oval nickel bronze condensate funnel	—	+149.75
6	PVC flat strainer for drain outlet 5¹⁄₁₆" dia.	Not for 6" drains	+8.00
P	Push-joint gasket to fit Sch. 40 ABS/PVC pipe	Only for drains with 3" and 4" push-joint connection	+3.00

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	STRAINERS				
860-GP	PVC full strainer with lift handle	B*	1	16	25.00 EA
860-GA	ABS full strainer with lift handle	B*	1	12	25.00 EA
860-GN	Nickel bronze full strainer only	B*	1	1	136.75 EA
860-RGN	Nickel bronze ring and full strainer	B*	1	1	200.75 EA
860-RGS	304 stainless steel ring and full strainer	B*	1	1	200.75 EA
860-Gi	Cast iron strainer only	B*	1	5	55.00 EA
860-GPJ	PVC full cover	B*	1	16	30.00 EA

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	ACCESSORIES				
860-S	PVC sand bucket for drain sump area	B*	1	20	9.75 EA
860-U	PVC debris bucket for drain sump area	B*	1	20	9.75 EA
860-C	PVC clamping collar with stainless steel screws	B*	1	10	10.25 EA
860-Ci	Cast iron clamping collar with stainless steel screws	B*	1	10	17.75 EA
860-UM	Stainless steel debris basket	B*	1	5	35.00 EA
863-FA	Round aluminum condensate funnel with screws	B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws	B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws	B*	1	5	149.75 EA
860-6	PVC flat secondary strainer	B*	1	10	8.00 EA

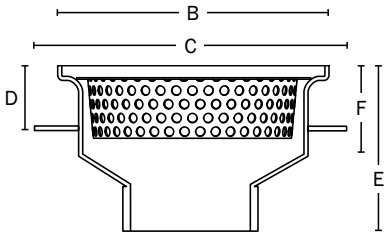
Fat Max™

Stainless Steel Floor Drain

- All-stainless construction – no-hub connection
- Smooth, seamless sump area with bead-blasted finish is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories
- Removable stainless steel debris bucket included



860-4SS



Item No	Dimensions A	B	C	D	E	F	Pkg	Min Qty	Case Qty	List Price
860-3SS	3"	6¾	8	2"	5½	3	B*	1	1	620.00 EA
860-4SS	4"	8⅞	10⅜	2"	5½	3	B*	1	1	725.00 EA
ACCESSORIES										
NEW 860-3SSS	Strainer only for 860-3SS						B	1	1	164.25 EA
NEW 860-4SSS	Strainer only for 860-4SS						B	1	1	230.00 EA

Little Max™

General Purpose Floor Drain

- ABS or PVC solvent weld connection
- Strainer ring can be used as a clamping collar for above-grade applications



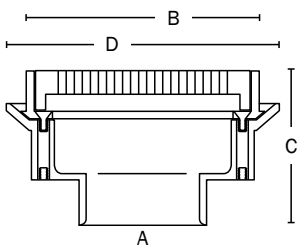
864-3P

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$8.00
T	Tapped ½" FIP for trap primer	$6.00
S	Sand bucket	$8.50
U	Stainless steel debris basket for sump area	$30.00



864-S



PVC Item No	ABS Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
864-2P	864-2A	2"	7¼"	4¼"	8½"	B*	1	3	40.00 EA
864-3P	864-3A	3"	7¼"	4⅜"	8½"	B*	1	3	40.00 EA
864-4P	864-4A	4"	7¼"	5⅛"	8½"	B*	1	3	40.00 EA
ACCESSORIES									
864-GP	PVC strainer with lift handle, loose set					B*	1	1	14.50 EA
864-S	PVC sand bucket (fits inside sump area)					B*	1	10	9.00 EA
864-UM	Stainless steel mesh debris basket					B*	1	10	30.00 EA
863-FA	Aluminum condensate funnel with screws					B*	1	5	30.00 EA
863-FN	Nickel bronze condensate funnel with screws					B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws					B*	1	5	149.75 EA

On-Grade Floor Drain
Sch. 40 Hub Connection

Round or Square Ring and Strainer

- Available with nickel bronze, stainless steel or ABS strainer for use in pedestrian areas
- Cast iron strainer for use in heavy-duty applications
- Three brass thread inserts secure strainer screws
- Square strainer is great for tile floors



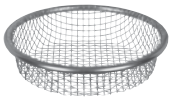
843-3PNR



843-3PNQ



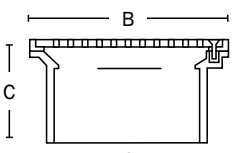
843-3Pi



832-UM



863-FA



Sch. 40

Options: Add letter suffix. Add prices to list.

V	Vandal-resistant screws [1]	$5.00

[1] Not available on cast iron ring and strainer.

PVC Item No	ABS Item No	Dimensions A	Dimensions B	Dimensions C	Strainer Gauge	Pkg	Min Qty	Case Qty	List Price
ROUND NICKEL BRONZE RING & STRAINER									
843-2PNR	843-2ANR	2" × 3"	4½"	2⅝"	—	B*	1	10	37.50 EA
843-3PNR	843-3ANR	3" × 4"	5½"	2½"	—	B*	1	10	43.75 EA
843-4PNR	843-4ANR	4" hub	6½"	2 15/16"	—	B*	1	4	54.00 EA
SQUARE NICKEL BRONZE RING & STRAINER									
843-2PNQ	843-2ANQ	2" × 3"	4½"	2⅝"	—	B*	1	5	47.50 EA
843-3PNQ	843-3ANQ	3" × 4"	5⅞"	2½"	—	B*	1	10	58.75 EA
843-4PNQ	843-4ANQ	4" hub	7"	2 15/16"	—	B*	1	10	79.00 EA
CAST IRON RING & STRAINER									
843-2Pi	843-2Ai	2" × 3"	5"	3⅛"	—	B*	1	2	32.50 EA
843-3Pi	843-3Ai	3" × 4"	6⅛"	3⅛"	—	B*	1	2	38.75 EA
843-4Pi	843-4Ai	4" hub	6⅝"	3½"	—	B*	1	2	48.00 EA
18-GAUGE STAINLESS STEEL STRAINER									
843-2PS	843-2AS	2" × 3"	4½"	2 5/16"	18	B*	1	10	17.50 EA
843-3PS	843-3AS	3" × 4"	5½"	2¼"	18	B*	1	10	16.25 EA
843-4PS	843-4AS	4" hub	6½"	2⅝"	16	B*	1	4	24.00 EA
ABS STRAINER									
843-2PP	843-2AP	2" × 3"	4½"	2⅝"	—	B*	1	10	17.50 EA
843-3PP	843-3AP	3" × 4"	5½"	2½"	—	B*	1	10	18.75 EA
843-4PP		4" hub	6½"	2 15/16"	—	B*	1	4	29.00 EA
ACCESSORIES									
863-FA	—	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	—	Round nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	—	Oval nickel bronze condensate funnel with screws				B*	1	5	149.75 EA
832-UM	—	4¼" stainless steel debris basket (for use with 843-4_ models only)				B*	1	1	15.50 EA

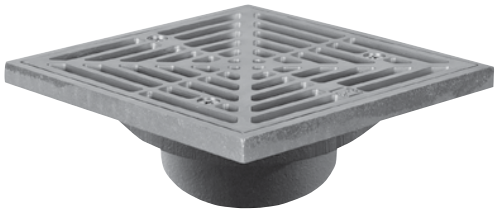
On-Grade Floor Drain
Cast Iron No-Hub Connection

Round or Square Ring and Strainer

- Available with round or square nickel bronze strainer for use in pedestrian traffic areas
- Cast iron strainer for heavy-duty applications
- Square strainer is great for tile floors



844-23NR



844-23NQ



844-23i

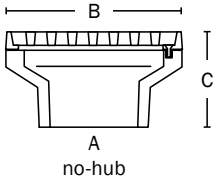
Options: Add letter suffix. Add prices to list.
V Vandal-resistant screws [1] $5.00

[1] Not available on cast iron ring and strainer.

Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
ROUND NICKEL BRONZE RING & STRAINER							
844-22NR	2"	4½"	3 5/16"	B*	1	4	47.50 EA
844-23NR	3"	5½"	3 7/16"	B*	1	4	53.50 EA
844-24NR	4"	6½"	3 9/16"	B*	1	4	70.00 EA
SQUARE NICKEL BRONZE RING & STRAINER							
844-22NQ	2"	4½"	2⅜"	B*	1	1	57.50 EA
844-23NQ	3"	5⅞"	2⅜"	B*	1	1	68.50 EA
844-24NQ	4"	7"	2⅜"	B*	1	1	95.00 EA
CAST IRON STRAINER							
844-22i	2"	5"	3 5/16"	B*	1	4	42.50 EA
844-23i	3"	6⅛"	3 7/16"	B*	1	4	48.50 EA
844-24i	4"	6⅝"	3 9/16"	B*	1	4	64.00 EA
ACCESSORIES							
863-FA	Round aluminum condensate funnel with screws			B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws			B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws			B*	1	5	149.75 EA



863-FA



Notes

FLOOR SINKS

SQUARE MAX™

CAST IRON SQUARE SINKS

FAT MAX™

LITTLE MAX™

CAST IRON ROUND SINKS

STAINLESS FAT MAX™



861-3P

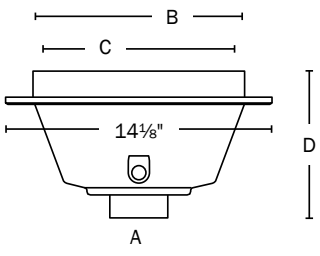
Square Max™

PVC Square Floor Sink

- Sump area is 54% larger than most PVC square floor sinks
- Low profile design with anchor flange for a clean appearance and a solid installation. Clamping collar available
- All inner surfaces are pitched, no standing water in sump area
- Independent lab tests show no distortion from water temperatures up to 180°F
- Tough, impact resistant PVC construction
- PVC and nickel bronze strainers for pedestrian traffic. Ductile iron strainer for heavy-duty applications



Anchor flange provides solid installations. Thinner rim profile than other square floor sinks.



Sch. 40 hub

Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
NO STRAINER – SINK ONLY								
861-2PX	2"	11 3/16"	10 11/16"	7 7/16"	B*	1	3	45.00 EA
861-3PX	3 × 4"	11 3/16"	10 11/16"	8 5/16"	B*	1	3	45.00 EA
861-4PX	4"	11 3/16"	10 11/16"	7 7/16"	B*	1	3	45.00 EA
861-6PX	6"	11 3/16"	10 11/16"	9½"	B*	1	3	115.00 EA
WITH PVC STRAINER								
861-2P	2"	11 3/16"	10 11/16"	7 7/16"	B*	1	1	67.50 EA
861-3P	3 × 4"	11 3/16"	10 11/16"	8 5/16"	B*	1	1	67.50 EA
861-4P	4"	11 3/16"	10 11/16"	7 7/16"	B*	1	1	67.50 EA
861-6P	6"	11 3/16"	10 11/16"	9½"	B*	1	1	137.50 EA
WITH NICKEL BRONZE RING & STRAINER								
861-2PN	2"	11¾"	10¾"	7⅜"	B*	1	1	395.00 EA
861-3PN	3 × 4"	11¾"	10¾"	8¾"	B*	1	1	395.00 EA
861-4PN	4"	11¾"	10¾"	8⅜"	B*	1	1	395.00 EA
861-6PN	6"	11¾"	10¾"	9 15/16"	B*	1	1	465.00 EA
WITH DUCTILE IRON RING & STRAINER								
861-2Pi	2"	11¾"	10⅝"	8"	B*	1	1	172.50 EA
861-3Pi	3 × 4"	11¾"	10⅝"	8⅜"	B*	1	1	172.50 EA
861-4Pi	4"	11¾"	10⅝"	9"	B*	1	1	172.50 EA
861-6Pi	6"	11¾"	10⅝"	10 1/16"	B*	1	1	242.50 EA

Square Max™

Options, Strainers and Accessories

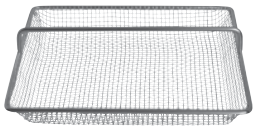
- Square Max options are factory installed
- Square Max strainers and accessories are ordered and sold separately

Suffix Code	Description	Availability Restrictions	Change to LIst Price
	OPTIONS		
	When ordering multiple options, please list suffix code **in the order they are shown below** to the appropriate Square Max item number from the previous page		
D	PVC dome bottom strainer Fits into drain outlet: 2½" tall × 5 1/16" dia.	Not on 6" sinks	+6.50
U	Aluminum dome bottom strainer Fits inside sump area: 2" tall × 4 13/16" dia.	Not on 6" sinks	+15.00
C	PVC clamping collar with stainless steel bolts	—	+15.00
W	Stainless steel debris basket Fits inside sump area: 1⅛" tall × 8 7/16" dia.	—	+40.00
2	Open-half strainer Nickel strainer includes nickel ring	Not for ductile iron strainers	–5.25 PVC –61.50 ni-brnz
3	Open-quarter strainer Nickel strainer includes nickel ring	Not for ductile iron strainers	–2.50 PVC –30.75 ni-brnz
V	Vandal-resistant screws for strainer	Not for ductile iron strainers	+8.00
T	Tapped trap primer connection, ½" FIP thread	—	+8.00
F	Round nickel condensate funnel with screws 4" tall, 4 5/16" top opening	—	+67.50
FA	Round aluminum condensate funnel with screws 4" tall, 4 5/16" top opening	—	+30.00
FO	Oval nickel condensate funnel with screws 4" tall, 9⅛" × 3 21/32" opening	—	+149.75
6	PVC flat strainer for drain outlet: 5 1/16" dia.	Not on 6" sinks	+8.00

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	STRAINERS				
861-5	PVC full strainer with lift handle	B*	1	15	22.50 EA
861-51	PVC open-half strainer	B*	1	15	17.25 EA
861-53	PVC open-quarter strainer	B*	1	15	20.00 EA
861-5N	Nickel bronze full strainer only	B*	1	1	215.00 EA
861-5NR	Nickel bronze ring & full strainer	B*	1	3	350.00 EA
861-51N	Nickel bronze open-half strainer only	B*	1	4	153.50 EA
861-51NR	Nickel bronze ring & open-half strainer	B*	1	3	288.50 EA
861-53N	Nickel bronze open-quarter strainer only	B*	1	1	184.25 EA
861-53NR	Nickel bronze ring & open-quarter strainer	B*	1	5	319.25 EA
861-5CiG	Heel-proof, ductile iron strainer only	B*	1	1	75.00 EA
861-5Ci	Heel-proof, ductile iron ring & full strainer	B*	1	3	125.00 EA
	ACCESSORIES				
861-D	PVC dome bottom strainer 2½" tall × 5 1/16" dia. NOT for use on sinks with 6" connection	B*	1	80	6.50 EA
863-U	Aluminum dome bottom strainer 2" tall × 4 13/16" dia. NOT for use on sinks with 6" connection	B*	1	5	15.00 EA
861-C	PVC clamping collar with stainless steel bolts	B*	1	5	12.50 EA
861-6	PVC flat bottom strainer for drain outlet 5 1/16" dia. NOT for use on sinks with 6" connection	B*	1	10	8.00 EA
861-UM	Stainless steel debris basket for sump area 1⅛" tall × 8 7/16" dia.	B*	1	5	40.00 EA
863-FA	Aluminum condensate funnel with screws 4" tall, 4 5/16" top opening	B*	1	5	30.00 EA
863-FN	Nickel bronze condensate funnel with screws 4" tall, 4 5/16" top opening	B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws	B*	1	5	149.75 EA



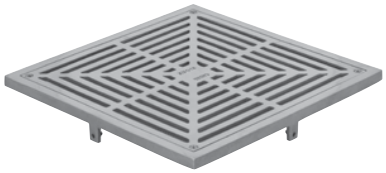
Option U
863-U



Option W
861-UM



Option 2
861-51



861-5NR



Option 6
861-6



Option FO
863-FNO

Cast Iron Square Floor Sink

12" x 12" – No-Hub Connection

- Acid-resistant porcelain enamel coating (ARE)
- Perfect for high heat discharge applications
- Available with flange and clamping collar for above-grade applications



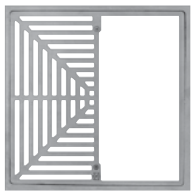
861-23XF



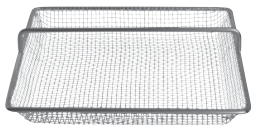
861-23X



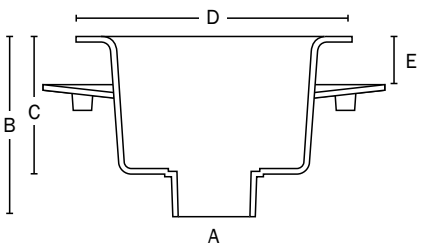
Option D / 861-AD



Option N2 / 861-52iN



Option W / 861-UMi



Options: Add letter suffix. Add price to list.

i	Full ARE cast iron grate	$35.00
i2	Open-half ARE cast iron grate	$35.00
i3	Open-quarter ARE cast iron grate	$35.00
N	Full nickel bronze grate	$375.00
N2	Open-half nickel bronze grate	$250.00
N3	Open-quarter nickel bronze grate	$315.00
W	Stainless steel debris basket	$40.00
D	Aluminum dome bottom strainer	$13.25
C	Clamping collar with bolts [1]	$40.00

[1] For use with flanged floor sink.

Item No	Dimensions A	B	C	D	E	Pkg	Min Qty	Case Qty	List Price
NO STRAINER – SINK ONLY									
861-22X	2"	9"	6"	12"	–	B	1	1	165.00 EA
861-23X	3"	9"	6"	12"	–	B	1	1	165.00 EA
861-24X	4"	9"	6"	12"	–	B	1	1	165.00 EA
861-22XF	2"	9"	6"	12"	2½"	B	1	1	245.00 EA
861-23XF	3"	9"	6"	12"	2½"	B	1	1	245.00 EA
861-24XF	4"	9"	6"	12"	2½"	B	1	1	245.00 EA
ACCESSORIES									
861-52i	Open-half grate, ARE cast iron					B	1	10	35.00 EA
861-53i	Open-quarter grate, ARE cast iron					B	1	10	35.00 EA
861-5i	Full grate, ARE cast iron					B	1	1	35.00 EA
861-52iN	Open-half grate, nickel bronze					B	1	1	250.00 EA
861-53iN	Open-quarter grate, nickel bronze					B	1	1	315.00 EA
861-5iN	Full grate, nickel bronze					B	1	1	375.00 EA
861-UMi	Stainless steel debris basket					B	1	1	40.00 EA
861-AC	Clamping collar, aluminum, with bolts, for flanged model					B	1	1	40.00 EA
861-AD	Dome bottom strainer, aluminum					B	1	20	13.25 EA
863-FA	Aluminum condensate funnel with screws					B*	1	5	30.00 EA
863-FN	Nickel bronze condensate funnel with screws					B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws					B*	1	5	149.75 EA

Cast Iron Square Floor Sink

8" x 8" – No-Hub Connection

- Acid-resistant porcelain enamel coating (ARE)
- Perfect for high heat discharge applications



861-283X



Option D / 861-AD

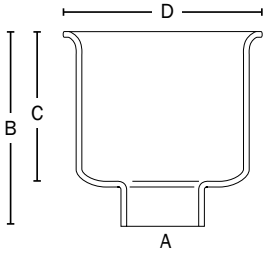


Option N / 861-58iN

Options: Add letter suffix. Add price to list.

i	Full ARE cast iron grate	$25.00
i2	Open-half ARE cast iron grate	$25.00
i3	Open-quarter ARE cast iron grate	$25.00
N	Full nickel bronze grate	$215.00
N2	Open-half nickel bronze grate	$160.00
N3	Open-quarter nickel bronze grate	$190.00
D	Aluminum dome bottom strainer	$13.25

Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
	NO STRAINER – SINK ONLY							
861-282X	2"	8⅝"	6"	8"	B	1	1	107.50 EA
861-283X	3"	8⅝"	6"	8"	B	1	1	107.50 EA
861-284X	4"	8⅝"	6"	8"	B	1	1	107.50 EA
	ACCESSORIES							
861-582i	Open-half grate, ARE cast iron				B	1	1	25.00 EA
861-583i	Open-quarter grate, ARE cast iron				B	1	1	25.00 EA
861-58i	Full grate, ARE cast iron				B	1	1	25.00 EA
NEW 861-582iN	Open-half grate, nickel bronze				B	1	1	160.00 EA
NEW 861-583iN	Open-quarter grate, nickel bronze				B	1	1	190.00 EA
NEW 861-58iN	Full grate, nickel bronze				B	1	1	215.00 EA
861-AD	Dome bottom strainer, aluminum				B	1	20	13.25 EA
863-FA	Aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5	149.75 EA



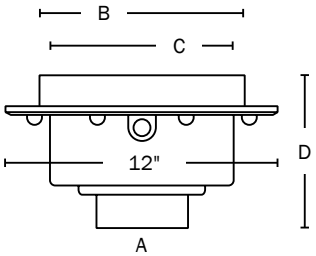


860-W3P

Fat Max™

PVC Round Floor Sink

- New white color provides a cleaner appearance in floor sink applications
- Low profile design with anchor flange for a solid installation
- Independent lab tests show no distortion from water temperatures up to 180°F
- Tough, impact resistant PVC construction
- PVC, nickel bronze and stainless steel strainers for pedestrian traffic. Cast iron strainer for heavy-duty applications



Sch. 40 hub

	PVC Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
	NO STRAINER – SINK ONLY								
	860-W2PX	2"	9"	8½"	6⅜"	B*	1	4	36.75 EA
	860-W3PX	3 × 4"	9"	8½"	6⅜"	B*	1	4	36.75 EA
	860-W4PX	4"	9"	8½"	6⅜"	B*	1	4	36.75 EA
	WITH PVC STRAINER								
	860-W2P	2"	9"	8½"	6⅜"	B*	1	4	57.50 EA
	860-W3P	3 × 4"	9"	8½"	6⅜"	B*	1	4	57.50 EA
	860-W4P	4"	9"	8½"	6⅜"	B*	1	4	57.50 EA
	WITH NICKEL BRONZE RING & STRAINER								
	860-W2PN	2"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	860-W3PN	3 × 4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	860-W4PN	4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	WITH STAINLESS STEEL RING & STRAINER								
	860-W2PZ	2"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	860-W3PZ	3 × 4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	860-W4PZ	4"	9¾"	9⅜"	7⅜"	B*	1	4	237.50 EA
	WITH CAST IRON RING & STRAINER								
	860-W2Pi	2"	9⅜"	8½"	6⅜"	B*	1	2	102.50 EA
	860-W3Pi	3 × 4"	9⅜"	8½"	6⅜"	B*	1	2	102.50 EA
	860-W4Pi	4"	9⅜"	8½"	6⅜"	B*	1	2	102.50 EA

Fat Max™

Options, Strainers and Accessories

- Customize the Fat Max™ to your specific application
- Options are factory installed
- Strainers and accessories are ordered and sold separately

Suffix Code	Description	Availability Restrictions	Change to List Price
	OPTIONS		
	When ordering multiple options, please list suffix code **in the order they are shown below** to the appropriate Fat Max item number from the previous page		
N	Nickel bronze veneer	Only for floor sinks with cast iron strainers	+ 92.50
S	PVC sand bucket for sump area	—	+9.75
U	PVC debris bucket for sump area	—	+9.75
C	PVC clamping collar with stainless steel bolts	—	+12.75
D	PVC dome bottom strainer for drain outlet	Not for 6" sinks	+6.50
V	Vandal-resistant screws for strainer	Not for cast iron strainers	+8.00
T	Tapped trap primer connection, ½" FIP	—	+8.00
2	Open-half strainer	Not for cast iron strainers	–5.00 PVC –25.00 ni-brnz
3	Open-quarter strainer	Not for cast iron strainers	–2.00 PVC –12.00 ni-brnz
W	Stainless steel debris basket for sump area	—	+35.00
F	Round nickel bronze condensate funnel	—	+67.50
FA	Round aluminum condensate funnel	—	+30.00
FO	Oval nickel bronze condensate funnel	—	+149.75
J	Solid PVC cover with lift handle	Only for sinks with no strainer	+30.00
6	PVC flat strainer for drain outlet 5 1/16" dia.	Not for 6" sinks	+8.00
L	Aluminum dome bottom strainer for drain outlet	Not for 6" sinks	+15.00

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	STRAINERS				
860-WGP	PVC full strainer with lift handle	B*	1	16	25.00 EA
860-WGP2	PVC open-half strainer	B*	1	10	20.00 EA
860-WGP3	PVC open-quarter strainer	B*	1	10	23.00 EA
860-GN	Nickel bronze full strainer only	B*	1	1	136.75 EA
860-RGN	Nickel bronze ring and full strainer	B*	1	1	200.75 EA
860-RGS	304 stainless steel ring and full strainer	B*	1	1	200.75 EA
860-GN2	Nickel bronze open-half strainer only	B*	1	1	97.50 EA
860-RGN2	Nickel bronze ring and open-half strainer	B*	1	1	175.75 EA
860-RGS2	304 stainless steel ring and open-half strainer	B*	1	1	175.75 EA
860-GN3	Nickel bronze open-quarter strainer only	B*	1	1	114.25 EA
860-RGN3	Nickel bronze ring and open-quarter strainer	B*	1	1	188.75 EA
860-RGS3	304 stainless steel ring and open-quarter strainer	B*	1	1	188.75 EA
860-Gi	Cast iron strainer only	B*	1	5	55.00 EA
860-WGPJ	PVC full cover	B*	1	16	30.00 EA
	ACCESSORIES				
860-WS	PVC sand bucket for sump area	B*	1	20	9.75 EA
860-WU	PVC debris bucket for sump area	B*	1	20	9.75 EA
860-C	PVC clamping collar with stainless steel screws	B*	1	10	10.25 EA
861-D	PVC dome bottom strainer (not for 6" sinks)	B*	1	80	6.50 EA
863-U	Aluminum dome bottom strainer (not for 6" sinks)	B*	1	5	15.00 EA
861-6	PVC flat bottom strainer (not for 6" sinks)	B*	1	10	8.00 EA
860-UM	Stainless steel debris basket	B*	1	5	35.00 EA
863-FA	Round aluminum condensate funnel with screws	B*	1	5	30.00 EA
863-FN	Round nickel bronze condensate funnel with screws	B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws	B*	1	5	149.75 EA



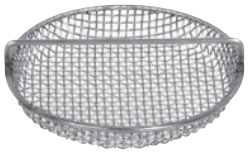
Option 2 / 860-RGN2



Option 3 / 860-WGP3



Option C / 860-C



Option W / 860-UM



Option S / 860-WS



Option U / 860-WU



Option F / 863-FN



Option FO / 863-FNO



Option 6 / 861-6



Option D / 861-D



Option L / 863-U

Little Max™

Compact Round PVC Floor Sink

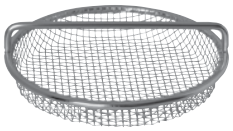
- New white color provides a cleaner appearance in floor sink applications
- PVC solvent weld connection
- Strainer ring can be used as a clamping collar for above-grade applications
- Stainless steel lift handle for strainer



864-W3P2



864-WS



864-UM

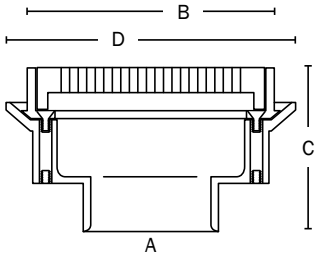


863-FA

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$8.00
T	Tapped ½" FIP for trap primer	$6.00
S	Sand bucket installed	$8.50
U	Stainless steel debris basket for sump area	$30.00
2	Open-half strainer installed	$12.00
3	Open-quarter strainer installed	$14.00
X	Drain body & ring/collar without strainer	–$10.00

PVC Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
864-W2P	2"	7¼"	4¼"	8½"	B*	1	3	40.00 EA
864-W3P	3"	7¼"	4⅜"	8½"	B*	1	3	40.00 EA
864-W4P	4"	7¼"	5⅛"	8½"	B*	1	3	40.00 EA
ACCESSORIES								
864-WGP	PVC strainer with lift handle, loose set				B*	1	1	14.50 EA
864-WS	PVC sand bucket (fits inside sump area)				B*	1	10	9.00 EA
864-UM	Stainless steel mesh debris basket				B*	1	10	30.00 EA
863-FA	Aluminum condensate funnel with screws 4" tall, 4 5/16" top opening				B*	1	5	30.00 EA
863-FN	Nickel bronze condensate funnel with screws 4" tall, 4 5/16" top opening				B*	1	5	67.50 EA
863-FNO	Oval nickel bronze condensate funnel with screws				B*	1	5	149.75 EA



Sch. 40 hub

NEW Cast Iron Round Floor Sink

9" Diameter – No-Hub Connection

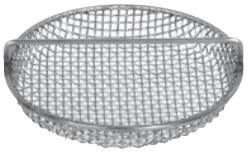
- Acid-resistant porcelain enamel coating (ARE)
- Perfect for high heat discharge applications



860-293Xi2



Option N2 / 860-RGN2



Option W / 860-UM

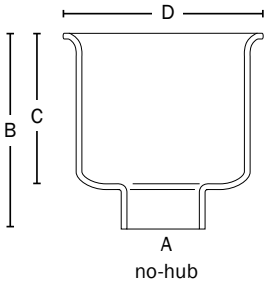


Option D / 861-AD

Options: Add letter suffix. Add price to list.

i	Full ARE cast iron grate	$24.50
i2	Open-half ARE cast iron grate	$24.50
i3	Open-quarter ARE cast iron grate	$24.50
N	Full nickel bronze grate	$200.75
N2	Open-half nickel bronze grate	$175.75
N3	Open-quarter nickel bronze grate	$188.75
S	Full 304 stainless steel grate	$200.75
S2	Open-half 304 stainless steel grate	$175.75
S3	Open-quarter 304 stainless steel grate	$188.75
W	Stainless steel debris basket	$35.00
D	Aluminum dome bottom strainer	$13.25

PVC Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
860-292X	2"	8¼"	6"	9"	B*	1	1	100.00 EA
860-293X	3"	8¼"	6"	9"	B*	1	1	100.00 EA
860-294X	4"	8¼"	6"	9"	B*	1	1	100.00 EA
ACCESSORIES								
860-592i	Open-half grate, ARE cast iron				B*	1	1	24.50 EA
860-593i	Open-quarter grate, ARE cast iron				B*	1	1	24.50 EA
860-59i	Full grate, ARE cast iron				B*	1	1	24.50 EA
860-RGN2	Open-half grate, nickel bronze				B*	1	1	175.75 EA
860-RGN3	Open-quarter grate, nickel bronze				B*	1	1	188.75 EA
860-RGN	Full grate, nickel bronze				B*	1	1	200.75 EA
860-RGS2	Open-half grate, 304 stainless steel				B*	1	1	175.75 EA
860-RGS3	Open-quarter grate, 304 stainless steel				B*	1	1	188.75 EA
860-RGS	Full grate, 304 stainless steel				B*	1	1	200.75 EA
860-UM	Stainless steel debris basket				B*	1	5	35.00 EA
861-AD	Dome bottom strainer, aluminum				B*	1	20	13.25 EA
863-FA	Aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval, nickel bronze condensate funnel with screws				B*	1	5	149.75 EA



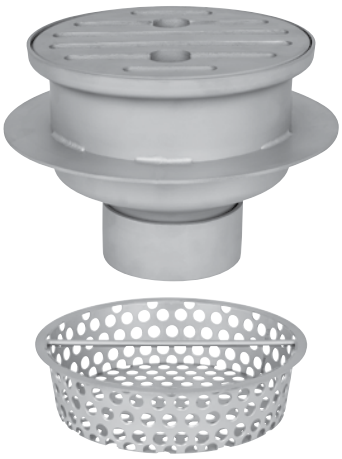
Fat Max™

Round Stainless Steel Floor Sink

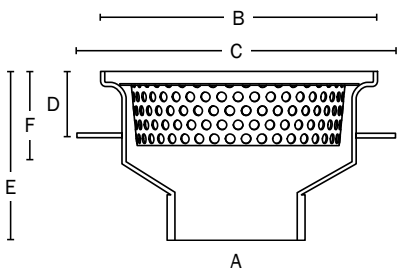
- All-stainless construction – body, strainer and debris bucket are 304 stainless steel
- Smooth, seamless sump area with bead-blasted finish is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories



860-4SS



860-3SS



	Item No	Dimensions						Pkg	Min Qty	Case Qty	List Price
		A	B	C	D	E	F				
	860-3SS	3"	6¾	8	2"	5½	3	B*	1	1	620.00 EA
	860-4SS	4"	8⅞	10⅜	2"	5½	3	B*	1	1	725.00 EA
	ACCESSORIES										
NEW	860-3SSS	Strainer only for 860-3SS						B	1	1	164.25 EA
NEW	860-4SSS	Strainer only for 860-4SS						B	1	1	230.00 EA

FLASHING DRAINS

FINISH LINE™

STANDARD FLASHING DRAINS

HALO™

Finish Line™

Adjustable Flashing Drain

Patent #7,735,512

The Finish Line™ allows for adjustment of the drain AFTER the pour. Achieve a perfect finish for every drain every time.



Finish Fixture



Coring Plug



Coring Sleeve

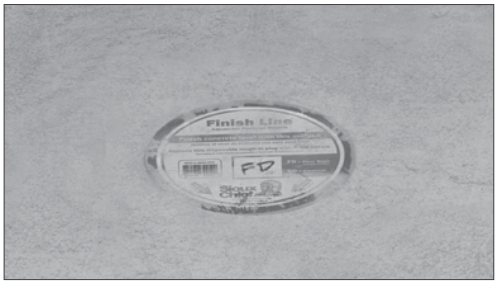


Base Adapter

Installing the Finish Line



Set Drain



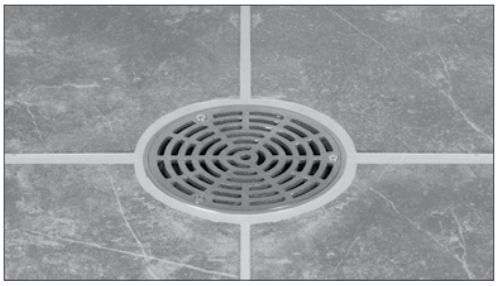
Pour Concrete Flush with Plug



Remove Coring Plug



Install Finish Fixture



A Perfect Finish

Eliminate drains set too high or too low.
Stop wrapping threads and boxing out.







Eliminate finish fixture damage by
keeping them off the job during construction.







Finish Line™

Adjustable Flashing Drain
Cast Iron No-Hub Connection
Ductile on Cast – Large Head

- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for pedestrian traffic
- Ductile iron strainers for heavy-duty applications



833-23DiR

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
H	Hinged strainer [1]	$12.00
E	Extended ring [2]	$60.00
B	Complies with Buy American Act [2]	$47.50
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load) [3]	$30.00

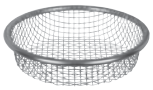
[1] Not available on ductile iron strainers.
[2] Only available for round nickel bronze ring and strainer.
[3] Only available for round 304 SS ring & strainer.



Option H
Hinged Strainer



832-S4



832-UM

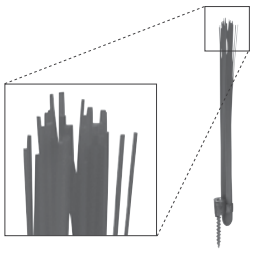


832-EX4

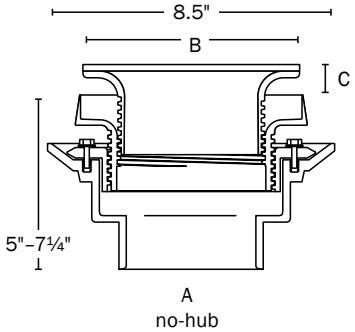


832-4HHD

Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN						
833-22DF	(Coring plug)	2"	—	—	B*	1	1	57.50 EA
833-23DF	(Coring plug)	3"	—	—	B*	1	1	57.50 EA
833-24DF	(Coring plug)	4"	—	—	B*	1	1	57.50 EA
		FINISH FIXTURE						
832-4DHNR	Round nickel bronze	—	6½"	—	B*	1	10	60.00 EA
832-4DHNQ	Square nickel bronze	—	7"	—	B*	1	10	85.00 EA
832-4DHSR	Round stainless	—	6½"	—	B*	1	1	60.00 EA
832-4DHSQ	Square 304 stainless	—	7"	—	B*	1	1	85.00 EA
832-4DHiR	Round ductile	—	6½"	—	B*	1	10	52.00 EA
		COMPLETE ASSEMBLY						
833-22DNR	Round nickel bronze	2"	6½"	0–1¼"	B*	1	1	117.50 EA
833-22DNQ	Square nickel bronze	2"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-22DSR	Round 304 stainless	2"	6½"	0–1¼"	B*	1	1	117.50 EA
833-22DSQ	Square 304 stainless	2"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-22DiR	Round ductile	2"	6½"	0–1¼"	B*	1	1	109.50 EA
833-23DNR	Round nickel bronze	3"	6½"	0–1¼"	B*	1	1	117.50 EA
833-23DNQ	Square nickel bronze	3"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-23DSR	Round 304 stainless	3"	6½"	0–1¼"	B*	1	1	117.50 EA
833-23DSQ	Square 304 stainless	3"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-23DiR	Round ductile	3"	6½"	0–1¼"	B*	1	1	109.50 EA
833-24DNR	Round nickel bronze	4"	6½"	0–1¼"	B*	1	1	117.50 EA
833-24DNQ	Square nickel bronze	4"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-24DSR	Round 304 stainless	4"	6½"	0–1¼"	B*	1	1	117.50 EA
833-24DSQ	Square 304 stainless	4"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-24DiR	Round ductile	4"	6½"	0–1¼"	B*	1	1	109.50 EA
		ACCESSORIES						
NEW 832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	15.00 EA
NEW 832-4DHHD	Hub drain finish fixture, iron				B*	1	1	52.75 EA
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5	149.75 EA
832-S4	Two adjustment shims, two ¾" screws				B*	1	10	7.00 EA
832-UM	4¼" stainless steel debris basket				B*	1	1	15.50 EA
832-EX4	Ductile iron extension nipple				B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA



832-W
Locating bristles



Finish Line™

Adjustable Flashing Drain
Cast Iron No-Hub Connection
Ductile on Cast – Small Head

- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



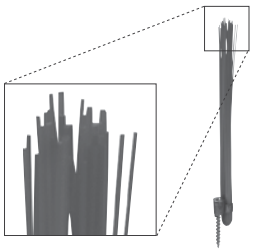
833-235DSR



832-S3



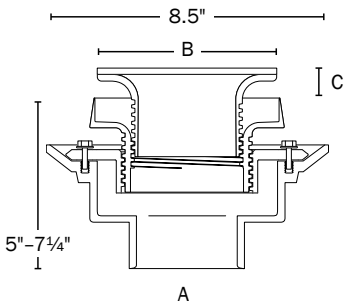
863-FA



832-W
Locating bristles



832-3HHD



Options: Add letter suffix. Add price to list.

	V	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00

[1] Only available for round nickel bronze ring & strainer.

Item No	Ring & Strainer	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN						
833-225DF	(Coring plug)	2"	—	—	B*	1	1	51.50 EA
833-235DF	(Coring plug)	3"	—	—	B*	1	1	51.50 EA
		FINISH FIXTURE						
832-3DHNR	Round nickel bronze	—	5½"	—	B*	1	1	48.75 EA
832-3DHNQ	Square nickel bronze	—	5⅞"	—	B*	1	1	63.75 EA
832-3DHSR	Round 304 stainless	—	5½"	—	B*	1	1	48.75 EA
832-3DHSQ	Square 304 stainless	—	5⅞"	—	B*	1	1	63.75 EA
		COMPLETE ASSEMBLY						
833-225DNR	Round nickel bronze	2"	5½"	0–1¼"	B*	1	1	100.25 EA
833-225DNQ	Square nickel bronze	2"	5⅞"	5/16"–1¼"	B*	1	1	115.25 EA
833-225DSR	Round 304 stainless	2"	5½"	0–1¼"	B*	1	1	100.25 EA
833-225DSQ	Square 304 stainless	2"	5⅞"	5/16"–1¼"	B*	1	1	115.25 EA
833-235DNR	Round nickel bronze	3"	5½"	0–1¼"	B*	1	1	100.25 EA
833-235DNQ	Square nickel bronze	3"	5⅞"	5/16"–1¼"	B*	1	1	115.25 EA
833-235DSR	Round 304 stainless	3"	5½"	0–1¼"	B*	1	1	100.25 EA
833-235DSQ	Square 304 stainless	3"	5⅞"	5/16"–1¼"	B*	1	1	115.25 EA
		ACCESSORIES						
NEW 832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	12.00 EA
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
832-S3	Two adjustment shims, two ¾" screws				B*	1	10	5.00 EA
832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA

Finish Line™

Adjustable Flashing Drain
Cast Iron Push-Joint Connection
Ductile on Cast – Large Head

- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter, poly coring plug and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for pedestrian traffic
- Ductile iron strainers for heavy-duty applications



833-63DNQ

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
H	Hinged strainer [1]	$12.00
E	Extended ring [2]	$60.00
B	Complies with Buy American Act [2]	$47.50
NEW **P**	Push-joint gasket to fit Sch. 40 ABS/PVC pipe [3]	$3.00
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load) [4]	$30.00

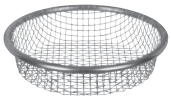
[1] Not available on ductile iron strainers.
[2] Only available for round nickel bronze ring and strainer.
[3] Not available for 2" drains.
[4] Only available for round 304 SS ring & strainer.



Option E
Extended Ring



832-S4



832-UM

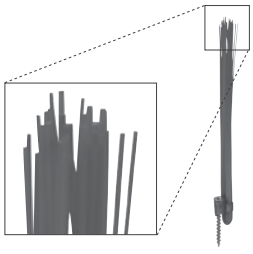


832-EX4

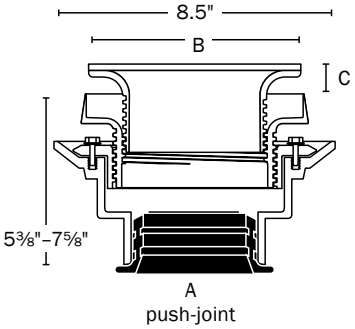


832-4HHD

Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN						
833-62DF	(Coring plug)	2"	—	—	B*	1	1	57.50 EA
833-63DF	(Coring plug)	3"	—	—	B*	1	1	57.50 EA
833-64DF	(Coring plug)	4"	—	—	B*	1	1	57.50 EA
		FINISH FIXTURE						
832-4DHNR	Round nickel bronze	—	6½"	—	B*	1	10	60.00 EA
832-4DHNQ	Square nickel bronze	—	7"	–	B*	1	10	85.00 EA
832-4DHSR	Round 304 stainless	—	6½"	—	B*	1	1	60.00 EA
832-4DHSQ	Square 304 stainless	—	7"	–	B*	1	1	85.00 EA
832-4DHiR	Round ductile	—	6½"	—	B*	1	10	52.00 EA
		COMPLETE ASSEMBLY						
833-62DNR	Round nickel bronze	2"	6½"	0–1¼"	B*	1	1	117.50 EA
833-62DNQ	Square nickel bronze	2"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-62DSR	Round 304 stainless	2"	6½"	0–1¼"	B*	1	1	117.50 EA
833-62DSQ	Square 304 stainless	2"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-62DiR	Round ductile	2"	6½"	0–1¼"	B*	1	1	109.50 EA
833-63DNR	Round nickel bronze	3"	6½"	0–1¼"	B*	1	1	117.50 EA
833-63DNQ	Square nickel bronze	3"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-63DSR	Round 304 stainless	3"	6½"	0–1¼"	B*	1	1	117.50 EA
833-63DSQ	Square 304 stainless	3"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-63DiR	Round ductile	3"	6½"	0–1¼"	B*	1	1	109.50 EA
833-64DNR	Round nickel bronze	4"	6½"	0–1¼"	B*	1	1	117.50 EA
833-64DNQ	Square nickel bronze	4"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-64DSR	Round 304 stainless	4"	6½"	0–1¼"	B*	1	1	117.50 EA
833-64DSQ	Square 304 stainless	4"	7"	5⁄16"–1¼"	B*	1	1	142.50 EA
833-64DiR	Round ductile	4"	6½"	0–1¼"	B*	1	1	109.50 EA
		ACCESSORIES						
NEW 832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	15.00 EA
NEW 832-4DHHD	Hub drain finish fixture, iron				B*	1	1	52.75 EA
NEW 858-PG4	Push-joint gasket for 4" Sch. 40 pipe				B	1	1	10.50 EA
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5	149.75 EA
832-S4	Two adjustment shims, two ¾" screws				B*	1	10	7.00 EA
832-UM	4¼" stainless steel debris basket				B*	1	1	15.50 EA
832-EX4	Ductile iron extension nipple				B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA



832-W
Locating bristles



Finish Line™

Adjustable Flashing Drain
Cast Iron Push-Joint Connection
Ductile on Cast – Small Head

- Adjustable AFTER the pour
- Cast iron base adapter with ductile iron clamping collar, coring sleeve, head adapter, poly coring plug, and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



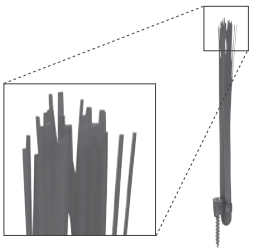
833-625DNQ



832-S3



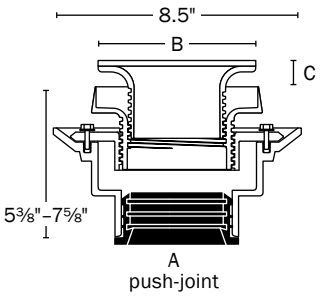
863-FA



832-W
Locating bristles



832-3HHD



Options: Add letter suffix. Add price to list.

	V	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00
	P	Push-joint gasket to fit Sch. 40 ABS/PVC pipe [2]	$3.00

[1] Only available for round nickel bronze ring & strainer.
[2] Only available for 3" drains.

	Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN							
	833-625DF	(Coring plug)	2"	—	—	B*	1	1	51.50 EA
	833-635DF	(Coring plug)	3"	—	—	B*	1	1	51.50 EA
		FINISH FIXTURE							
	832-3DHNR	Round nickel bronze	—	5½"	—	B*	1	1	48.75 EA
	832-3DHNQ	Square nickel bronze	—	5⅞"	–	B*	1	1	63.75 EA
	832-3DHSR	Round 304 stainless	—	5½"	—	B*	1	1	48.75 EA
	832-3DHSQ	Square 304 stainless	—	5⅞"	–	B*	1	1	63.75 EA
		COMPLETE ASSEMBLY							
	833-625DNR	Round nickel bronze	2"	5½"	0–1¼"	B*	1	1	100.25 EA
	833-625DNQ	Square nickel bronze	2"	5⅞"	5⁄16"–1¼"	B*	1	1	115.25 EA
	833-625DSR	Round 304 stainless	2"	5½"	0–1¼"	B*	1	1	100.25 EA
	833-625DSQ	Square 304 stainless	2"	5⅞"	5⁄16"–1¼"	B*	1	1	115.25 EA
	833-635DNR	Round nickel bronze	3"	5½"	0–1¼"	B*	1	1	100.25 EA
	833-635DNQ	Square nickel bronze	3"	5⅞"	5⁄16"–1¼"	B*	1	1	115.25 EA
	833-635DSR	Round 304 stainless	3"	5½"	0–1¼"	B*	1	1	100.25 EA
	833-635DSQ	Square 304 stainless	3"	5⅞"	5⁄16"–1¼"	B*	1	1	115.25 EA
		ACCESSORIES							
NEW	832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	12.00 EA
	863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
	863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
	832-S3	Two adjustment shims, two ¾" screws				B*	1	10	5.00 EA
	832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA

Finish Line™

Adjustable Flashing Drain
Cast Iron No-Hub Connection
ABS on Cast – Large Head

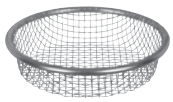
- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



833-23NR



832-S4



832-UM



832-EX4



832-4HHD

Options: Add letter suffix. Add price to list.

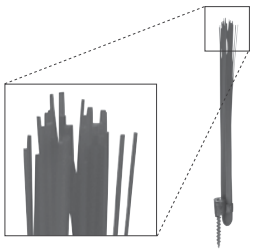
V	Vandal-resistant screws	$5.00
H	Hinged strainer	$12.00
E	Extended ring [1]	$60.00
B	Complies with Buy American Act [1]	$47.50

[1] Only available for round nickel bronze ring and strainer.

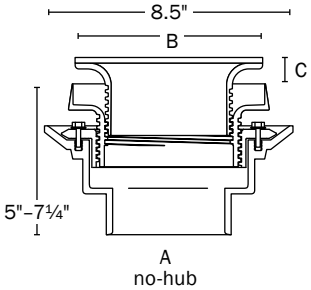


Option H
Hinged Strainer

Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN						
833-22F	(Coring plug)	2"	—	—	B*	1	1	46.00 EA
833-23F	(Coring plug)	3"	—	—	B*	1	1	46.00 EA
833-24F	(Coring plug)	4"	—	—	B*	1	1	46.00 EA
		FINISH FIXTURE						
832-4HNR	Round nickel bronze	—	6½"	—	B*	1	10	51.50 EA
832-4HNQ	Square nickel bronze	—	7"	—	B*	1	10	76.50 EA
832-4HSR	Round 304 stainless	—	6½"	—	B*	1	1	51.50 EA
832-4HSQ	Square 304 stainless	—	7"	—	B*	1	1	76.50 EA
		COMPLETE ASSEMBLY						
833-22NR	Round nickel bronze	2"	6½"	0–1¼"	B*	1	1	97.50 EA
833-22NQ	Square nickel bronze	2"	7"	5⁄16"–1¼"	B*	1	1	122.50 EA
833-22SR	Round 304 stainless	2"	6½"	0–1¼"	B*	1	1	97.50 EA
833-22SQ	Square 304 stainless	2"	7"	5⁄16"–1¼"	B*	1	1	122.50 EA
833-23NR	Round nickel bronze	3"	6½"	0–1¼"	B*	1	1	97.50 EA
833-23NQ	Square nickel bronze	3"	7"	5⁄16"–1¼"	B*	1	1	122.50 EA
833-23SR	Round 304 stainless	3"	6½"	0–1¼"	B*	1	1	97.50 EA
833-23SQ	Square 304 stainless	3"	7"	5⁄16"–1¼"	B*	1	1	122.50 EA
833-24NR	Round nickel bronze	4"	6½"	0–1¼"	B*	1	1	97.50 EA
833-24NQ	Square nickel bronze	4"	7"	5⁄16"–1¼"	B*	1	1	122.50 EA
833-24SR	Round 304 stainless	4"	6½"	0–1¼"	B*	1	1	97.50 EA
833-24SQ	Square 304 stainless	4"	7"	5⁄16"–1¼"	B*	1	1	122.50 EA
		ACCESSORIES						
NEW 832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	15.00 EA
NEW 832-4DHHD	Hub drain finish fixture, iron				B*	1	1	52.75 EA
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5	149.75 EA
832-S4	Two adjustment shims, two ¾" screws				B*	1	10	7.00 EA
832-UM	4¼" stainless steel debris basket				B*	1	1	15.50 EA
832-EX4	Ductile iron extension nipple				B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA



832-W
Locating bristles



Finish Line™

Adjustable Flashing Drain
Cast Iron No-Hub Connection
ABS on Cast – Small Head

- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



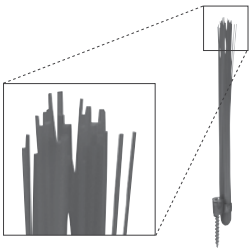
833-235NQ



832-S3



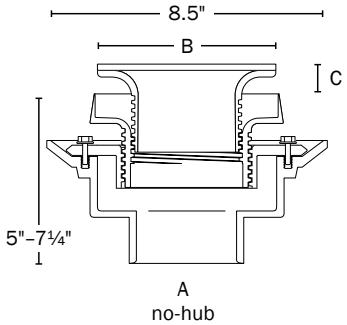
863-FA



832-W
Locating bristles



832-3HHD



Options: Add letter suffix. Add price to list.

	V	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00

[1] Only available for round nickel bronze ring and strainer.

Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN						
833-225F	(Coring plug)	2"	—	—	B*	1	1	43.25 EA
833-235F	(Coring plug)	3"	—	—	B*	1	1	43.25 EA
		FINISH FIXTURE						
832-3HNR	Round nickel bronze	—	5½"	—	B*	1	10	37.00 EA
832-3HNQ	Square nickel bronze	—	5⅞"	–	B*	1	10	52.00 EA
832-3HSR	Round 304 stainless	—	5½"	—	B*	1	1	37.00 EA
832-3HSQ	Square 304 stainless	—	5⅞"	–	B*	1	1	52.00 EA
		COMPLETE ASSEMBLY						
833-225NR	Round nickel bronze	2"	5½"	0–1"	B*	1	1	80.25 EA
833-225NQ	Square nickel bronze	2"	5⅞"	5/16"–1"	B*	1	1	95.25 EA
833-225SR	Round 304 stainless	2"	5½"	0–1"	B*	1	1	80.25 EA
833-225SQ	Square 304 stainless	2"	5⅞"	5/16"–1"	B*	1	1	95.25 EA
833-235NR	Round nickel bronze	3"	5½"	0–1"	B*	1	1	80.25 EA
833-235NQ	Square nickel bronze	3"	5⅞"	5/16"–1"	B*	1	1	95.25 EA
833-235SR	Round 304 stainless	3"	5½"	0–1"	B*	1	1	80.25 EA
833-235SQ	Square 304 stainless	3"	5⅞"	5/16"–1"	B*	1	1	95.25 EA
		ACCESSORIES						
NEW 832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	12.00 EA
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
832-S3	Two adjustment shims, two ¾" screws				B*	1	10	5.00 EA
832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA

Finish Line™

Adjustable Flashing Drain
Cast Iron Push-Joint Connection
ABS on Cast – Large Head

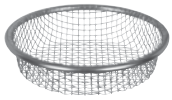
- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter, poly coring plug and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



833-63NQ



832-S4



832-UM



832-EX4



832-4HHD

Options: Add letter suffix. Add price to list.

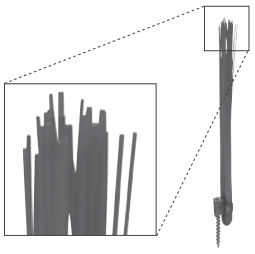
V	Vandal-resistant screws	$5.00
H	Hinged strainer	$12.00
E	Extended ring [1]	$60.00
B	Complies with Buy American Act [1]	$47.50
NEW **P**	Push-joint gasket to fit Sch. 40 ABS/PVC pipe [2]	$3.00

[1] Only available for round nickel bronze ring and strainer.
[2] Not available for 2" drains.

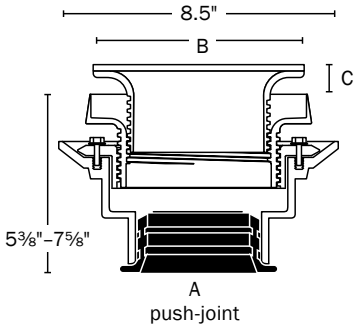


Option E
Extended Ring

Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN						
833-62F	(Coring plug)	2"	—	—	B*	1	1	46.00 EA
833-63F	(Coring plug)	3"	—	—	B*	1	1	46.00 EA
833-64F	(Coring plug)	4"	—	—	B*	1	4	46.00 EA
		FINISH FIXTURE						
832-4HNR	Round nickel bronze	—	6½"	—	B*	1	10	51.50 EA
832-4HNQ	Square nickel bronze	—	7"	—	B*	1	10	76.50 EA
832-4HSR	Round 304 stainless	—	6½"	—	B*	1	1	51.50 EA
832-4HSQ	Square 304 stainless	—	7"	—	B*	1	1	76.50 EA
		COMPLETE ASSEMBLY						
833-62NR	Round nickel bronze	2"	6½"	0–1¼"	B*	1	1	97.50 EA
833-62NQ	Square nickel bronze	2"	7"	5/16"–1¼"	B*	1	1	122.50 EA
833-62SR	Round 304 stainless	2"	6½"	0–1¼"	B*	1	1	97.50 EA
833-62SQ	Square 304 stainless	2"	7"	5/16"–1¼"	B*	1	1	122.50 EA
833-63NR	Round nickel bronze	3"	6½"	0–1¼"	B*	1	1	97.50 EA
833-63NQ	Square nickel bronze	3"	7"	5/16"–1¼"	B*	1	1	122.50 EA
833-63SR	Round 304 stainless	3"	6½"	0–1¼"	B*	1	1	97.50 EA
833-63SQ	Square 304 stainless	3"	7"	5/16"–1¼"	B*	1	1	122.50 EA
833-64NR	Round nickel bronze	4"	6½"	0–1¼"	B*	1	1	97.50 EA
833-64NQ	Square nickel bronze	4"	7"	5/16"–1¼"	B*	1	1	122.50 EA
833-64SR	Round 304 stainless	4"	6½"	0–1¼"	B*	1	1	97.50 EA
833-64SQ	Square 304 stainless	4"	7"	5/16"–1¼"	B*	1	1	122.50 EA
		ACCESSORIES						
NEW 832-4HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	15.00 EA
NEW 832-4DHHD	Hub drain finish fixture, iron				B*	1	1	52.75 EA
NEW 858-PG4	Push-joint gasket for 4" Sch. 40 pipe				B*	1	1	10.50 EA
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5	149.75 EA
832-S4	Two adjustment shims, two ¾" screws				B*	1	10	7.00 EA
832-UM	4¼" stainless debris basket				B*	1	1	15.50 EA
832-EX4	Ductile iron extension nipple				B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA



832-W
Locating bristles



Finish Line™

Adjustable Flashing Drain
Cast Iron Push-Joint Connection
ABS on Cast – Small Head

- Adjustable AFTER the pour
- Cast iron base adapter with ABS clamping collar, coring sleeve, head adapter, poly coring plug and neoprene push-joint gasket
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



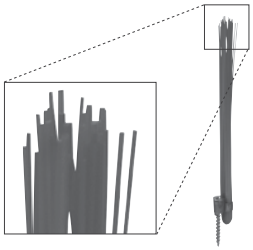
833-625NQ



832-S3



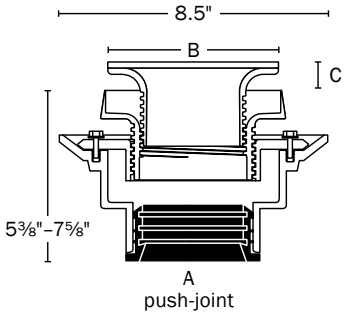
863-FA



832-W
Locating bristles



832-3HHD



Options: Add letter suffix. Add price to list.

	V	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00
	P	Push-joint gasket to fit Sch. 40 ABS/PVC pipe [2]	$3.00

[1] Only available for round nickel bronze ring and strainer.
[2] Only available for 3" drains.

	Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN							
	833-625F	(Coring plug)	2"	—	—	B*	1	1	43.25 EA
	833-635F	(Coring plug)	3"	—	—	B*	1	1	43.25 EA
		FINISH FIXTURE							
	832-3HNR	Round nickel bronze	—	5½"	—	B*	1	10	37.00 EA
	832-3HNQ	Square nickel bronze	—	5⅞"	–	B*	1	10	52.00 EA
	832-3HSR	Round 304 stainless	—	5½"	—	B*	1	1	37.00 EA
	832-3HSQ	Square 304 stainless	—	5⅞"	–	B*	1	1	52.00 EA
		COMPLETE ASSEMBLY							
	833-625NR	Round nickel bronze	2"	5½"	0–1"	B*	1	1	80.25 EA
	833-625NQ	Square nickel bronze	2"	5⅞"	5⁄16"–1"	B*	1	1	95.25 EA
	833-625SR	Round 304 stainless	2"	5½"	0–1"	B*	1	1	80.25 EA
	833-625SQ	Square 304 stainless	2"	5⅞"	5⁄16"–1"	B*	1	1	95.25 EA
	833-635NR	Round nickel bronze	3"	5½"	0–1"	B*	1	1	80.25 EA
	833-635NQ	Square nickel bronze	3"	5⅞"	5⁄16"–1"	B*	1	1	95.25 EA
	833-635SR	Round 304 stainless	3"	5½"	0–1"	B*	1	1	80.25 EA
	833-635SQ	Square 304 stainless	3"	5⅞"	5⁄16"–1"	B*	1	1	95.25 EA
		ACCESSORIES							
NEW	832-3HHD	Hub drain finish fixture, ABS/PVC				B*	1	10	12.00 EA
	863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
	863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
	832-S3	Two adjustment shims, two ¾" screws				B*	1	10	5.00 EA
	832-W	Flexible red locating bristles with screw				B*	1	10	5.00 EA

Finish Line™

Adjustable Flashing Drain
Sch. 40 Hub Connection – Large Head

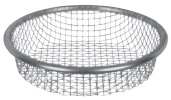
- Adjustable AFTER the pour
- ABS/PVC base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



833-3PNR



832-S4



832-UM



832-EX4



832-4HHD

Options: Add letter suffix. Add price to list.

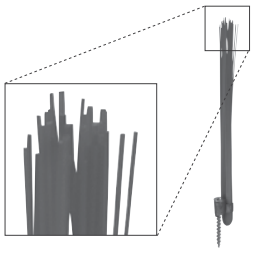
V	Vandal-resistant screws	$5.00
H	Hinged strainer	$12.00
E	Extended ring [1]	$60.00
B	Complies with Buy American Act [1]	$47.50

[1] Only available for round nickel bronze ring and strainer.

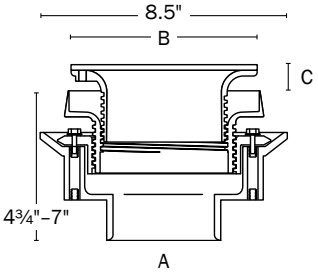


Option H
Hinged Strainer

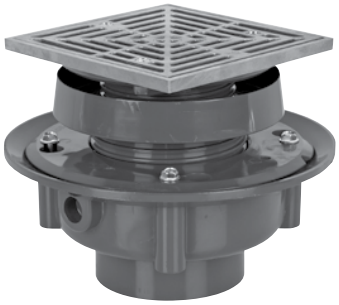
PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN							
833-2PF	833-2AF	(Coring plug)	2"	—	—	B*	1	10	36.00 EA
833-3PF	833-3AF	(Coring plug)	3"	—	—	B*	1	10	36.00 EA
833-4PF	833-4AF	(Coring plug)	4"	—	—	B*	1	10	36.00 EA
		FINISH FIXTURE							
832-4HNR	—	Round nickel bronze	—	6½"	—	B*	1	10	51.50 EA
832-4HNQ	—	Square nickel bronze	—	7"	—	B*	1	10	76.50 EA
832-4HSR	—	Round 304 stainless	—	6½"	—	B*	1	1	51.50 EA
832-4HSQ	—	Square 304 stainless	—	7"	—	B*	1	1	76.50 EA
		COMPLETE ASSEMBLY							
833-2PNR	833-2ANR	Round nickel bronze	2"	6½"	0–1¼"	B*	1	1	87.50 EA
833-2PNQ	833-2ANQ	Square nickel bronze	2"	7"	5⁄16"–1¼"	B*	1	1	112.50 EA
833-2PSR	833-2ASR	Round 304 stainless	2"	6½"	0–1¼"	B*	1	1	87.50 EA
833-2PSQ	833-2ASQ	Square 304 stainless	2"	7"	5⁄16"–1¼"	B*	1	1	112.50 EA
833-3PNR	833-3ANR	Round nickel bronze	3"	6½"	0–1¼"	B*	1	1	87.50 EA
833-3PNQ	833-3ANQ	Square nickel bronze	3"	7"	5⁄16"–1¼"	B*	1	1	112.50 EA
833-3PSR	833-3ASR	Round 304 stainless	3"	6½"	0–1¼"	B*	1	1	87.50 EA
833-3PSQ	833-3ASQ	Square 304 stainless	3"	7"	5⁄16"–1¼"	B*	1	1	112.50 EA
833-4PNR	833-4ANR	Round nickel bronze	4"	6½"	0–1¼"	B*	1	1	87.50 EA
833-4PNQ	833-4ANQ	Square nickel bronze	4"	7"	5⁄16"–1¼"	B*	1	1	112.50 EA
833-4PSR	833-4ASR	Round 304 stainless	4"	6½"	0–1¼"	B*	1	1	87.50 EA
833-4PSQ	833-4ASQ	Square 304 stainless	4"	7"	5⁄16"–1¼"	B*	1	1	112.50 EA
		ACCESSORIES							
NEW 832-4HHD		Hub drain finish fixture, ABS/PVC				B*	1	10	15.00 EA
NEW 832-4DHHD		Hub drain finish fixture, iron				B*	1	1	52.75 EA
863-FA		Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN		Round nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
863-FNO		Oval nickel bronze condensate funnel with screws				B*	1	5	149.75 EA
832-S4		Two adjustment shims, two ¾" screws				B*	1	10	7.00 EA
832-UM		4¼" stainless steel debris basket				B*	1	1	15.50 EA
832-EX4		Ductile iron extension nipple				B*	1	1	22.50 EA
832-W		Flexible red locating bristles with screw				B*	1	10	5.00 EA



832-W
Locating bristles



Sch. 40 hub



833-35PNQ

Finish Line™

Adjustable Flashing Drain
Sch. 40 Hub Connection – Small Head

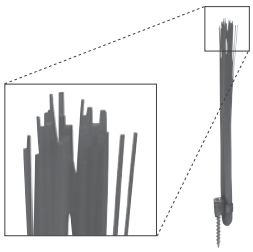
- Adjustable AFTER the pour
- ABS/PVC base adapter with ABS clamping collar, coring sleeve, head adapter and poly coring plug
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas



832-S3



863-FA



832-W
Locating bristles

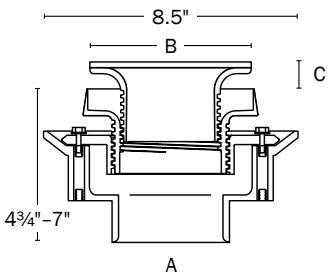
Options: Add letter suffix. Add price to list.

	V	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00

[1] Only available for round nickel bronze ring and strainer.



832-3HHD



PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN DRAIN							
833-25PF	833-25AF	(Coring plug)	2"	—	—	B*	1	1	31.50 EA
833-35PF	833-35AF	(Coring plug)	3"	—	—	B*	1	1	31.50 EA
		FINISH FIXTURE							
832-3HNR	—	Round nickel bronze	—	5½"	—	B*	1	10	37.00 EA
832-3HNQ	—	Square nickel bronze	—	5⅞"	—	B*	1	10	52.00 EA
832-3HSR	—	Round 304 stainless	—	5½"	—	B*	1	1	37.00 EA
832-3HSQ	—	Square 304 stainless	—	5⅞"	—	B*	1	1	52.00 EA
		COMPLETE ASSEMBLY							
833-25PNR	833-25ANR	Round nickel bronze	2"	5½"	0–1"	B*	1	1	68.50 EA
833-25PNQ	833-25ANQ	Square nickel bronze	2"	5⅞"	5/16"–1"	B*	1	1	83.50 EA
833-25PSR	833-25ASR	Round 304 stainless	2"	5½"	0–1"	B*	1	1	68.50 EA
833-25PSQ	833-25ASQ	Square 304 stainless	2"	5⅞"	5/16"–1"	B*	1	1	83.50 EA
833-35PNR	833-35ANR	Round nickel bronze	3"	5½"	0–1"	B*	1	1	68.50 EA
833-35PNQ	833-35ANQ	Square nickel bronze	3"	5⅞"	5/16"–1"	B*	1	1	83.50 EA
833-35PSR	833-35ASR	Round 304 stainless	3"	5½"	0–1"	B*	1	1	68.50 EA
833-35PSQ	833-35ASQ	Square 304 stainless	3"	5⅞"	5/16"–1"	B*	1	1	83.50 EA
		ACCESSORIES							
NEW 832-3HHD		Hub drain finish fixture, ABS/PVC				B*	1	10	12.00 EA
863-FA		Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN		Round nickel bronze condensate funnel with screws				B*	1	5	67.50 EA
832-S3		Two adjustment shims, two ¾" screws				B*	1	10	5.00 EA
832-W		Flexible red locating bristles with screw				B*	1	10	5.00 EA

Flashing Drain
Cast Iron No-Hub Connection

Nickel Bronze, Stainless Steel or Cast Iron Ring & Strainer

- Cast iron base adapter with ABS clamping collar and head adapter
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Cast iron strainers for use in heavy-duty applications



863-23NR



863-23NQ

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws [1]	$5.00
H	Hinged strainer [1]	$12.00
Y	Ductile iron head adapter in place of ABS	$20.00
D	Ductile iron clamping collar in place of ABS	$20.00
E	Extended ring [2]	$60.00
B	Complies with Buy American Act [2]	$47.50
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load)	$30.00

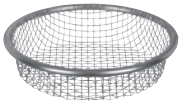
[1] Not available on cast iron strainers.
[2] Only available for round nickel bronze ring and strainer.



Option E
Extended Ring



863-23i

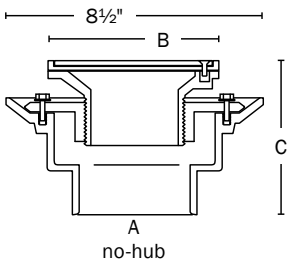


842-UM



863-FA

Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
ROUND NICKEL BRONZE RING & STRAINER							
863-22NR	2"	6½"	4¾"–6¾"	B*	1	3	96.75 EA
863-23NR	3"	6½"	4¾"–6¾"	B*	1	2	96.75 EA
863-24NR	4"	6½"	4¾"–6¾"	B*	1	2	96.75 EA
ROUND STAINLESS STEEL RING & STRAINER							
863-22SR	2"	6½"	4¾"–6¾"	B*	1	3	96.75 EA
863-23SR	3"	6½"	4¾"–6¾"	B*	1	2	96.75 EA
863-24SR	4"	6½"	4¾"–6¾"	B*	1	2	96.75 EA
SQUARE NICKEL BRONZE RING & STRAINER							
863-22NQ	2"	7"	4¾"–6¾"	B*	1	2	121.75 EA
863-23NQ	3"	7"	4¾"–6¾"	B*	1	2	121.75 EA
863-24NQ	4"	7"	4¾"–6¾"	B*	1	2	121.75 EA
SQUARE STAINLESS STEEL RING & STRAINER							
863-22SQ	2"	7"	4¾"–6¾"	B*	1	2	121.75 EA
863-23SQ	3"	7"	4¾"–6¾"	B*	1	2	121.75 EA
863-24SQ	4"	7"	4¾"–6¾"	B*	1	2	121.75 EA
CAST IRON RING & STRAINER							
863-22i	2"	6⅝"	5⅜"–7⅜"	B*	1	2	90.75 EA
863-23i	3"	6⅝"	5⅜"–7⅜"	B*	1	2	90.75 EA
863-24i	4"	6⅝"	5⅜"–7⅜"	B*	1	2	90.75 EA
ACCESSORIES							
863-FA	Round aluminum condensate funnel with screws			B	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws			B	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws			B	1	5	149.75 EA
842-UM	4⅝" stainless steel debris basket			B*	1	1	15.00 EA



Flashing Drain
Cast Iron Push-Joint Connection

Nickel Bronze, Stainless Steel or Cast Iron Ring & Strainer

- Cast iron base adapter with ABS clamping collar, head adapter and neoprene push-joint gasket
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Cast iron strainers for use in heavy-duty applications



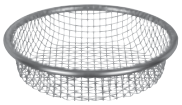
863-63NR



863-63NQ



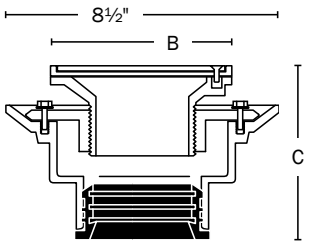
863-63i



842-UM



863-FA



A
push-joint



Option H
Hinged Strainer

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws [1]	$5.00
H	Hinged strainer [1]	$12.00
Y	Ductile iron head adapter in place of ABS	$20.00
D	Ductile iron clamping collar in place of ABS	$20.00
E	Extended ring [2]	$60.00
B	Complies with Buy American Act [2]	$47.50
NEW **P**	Push-joint gasket to fit Sch. 40 ABS/PVC pipe [3]	$3.00
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load)	$30.00

[1] Not available on cast iron strainers.
[2] Only available for round nickel bronze ring and strainer.
[3] Not available for 2" drains.

Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
ROUND NICKEL BRONZE RING & STRAINER							
863-62NR	2"	6½"	5⅛"–6⅛"	B*	1	3	96.75 EA
863-63NR	3"	6½"	5⅛"–6⅛"	B*	1	2	96.75 EA
863-64NR	4"	6½"	5⅛"–6⅛"	B*	1	2	96.75 EA
ROUND STAINLESS STEEL RING & STRAINER							
863-62SR	2"	6½"	5⅛"–6⅛"	B*	1	3	96.75 EA
863-63SR	3"	6½"	5⅛"–6⅛"	B*	1	2	96.75 EA
863-64SR	4"	6½"	5⅛"–6⅛"	B*	1	2	96.75 EA
SQUARE NICKEL BRONZE RING & STRAINER							
863-62NQ	2"	7"	5⅛"–6⅛"	B*	1	2	121.75 EA
863-63NQ	3"	7"	5⅛"–6⅛"	B*	1	2	121.75 EA
863-64NQ	4"	7"	5⅛"–6⅛"	B*	1	2	121.75 EA
SQUARE STAINLESS STEEL RING & STRAINER							
863-62SQ	2"	7"	5⅛"–6⅛"	B*	1	2	121.75 EA
863-63SQ	3"	7"	5⅛"–6⅛"	B*	1	2	121.75 EA
863-64SQ	4"	7"	5⅛"–6⅛"	B*	1	2	121.75 EA
CAST IRON RING & STRAINER							
863-62i	2"	6⅝"	5¾"–7¾"	B*	1	2	90.75 EA
863-63i	3"	6⅝"	5¾"–7¾"	B*	1	2	90.75 EA
863-64i	4"	6⅝"	5¾"–7¾"	B*	1	2	90.75 EA
ACCESSORIES							
NEW 858-PG4	Push-joint gasket for 4" Sch. 40 pipe			B	1	1	10.50 EA
863-FA	Round aluminum condensate funnel with screws			B	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws			B	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws			B	1	5	149.75 EA
842-UM	4⅝" stainless steel debris basket			B*	1	1	15.00 EA

Flashing Drain
Sch. 40 Hub Connection

Round Pattern Ring and Strainer

- ABS/PVC base adapter with ABS clamping collar and head adapter
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Cast iron strainers for use in heavy-duty applications



863-43NR



863-425i

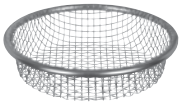
Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws [1]	$5.00
H	Hinged strainer [2]	$12.00
Y	Ductile iron head adapter in place of ABS	$20.00
D	Ductile iron clamping collar in place of ABS	$20.00
T	Tapped ½" FIP for trap primer with plug	$8.00
E	Extended ring [3]	$60.00
B	Complies with Buy American Act [3]	$47.50
NEW **M**	Medium-duty strainer (3,000 lbs. safe-load) [4]	$30.00

[1] Not available on cast iron strainers
[2] Available for 6½" nickel bronze and stainless steel strainers
[3] Available for nickel bronze ring and strainer
[4] Only available for round 304 SS ring & strainer



Option E
Extended Ring

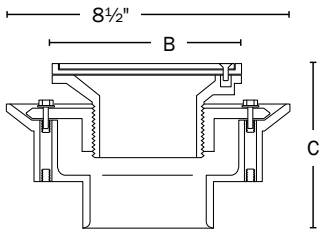


842-UM



863-FA

PVC Item No	ABS Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE RING & STRAINER								
863-425NR	863-325NR	2"	5½"	4⅜"–6⅜"	B*	1	6	62.50 EA
863-42NR	863-32NR	2"	6½"	4½"–6½"	B*	1	6	73.75 EA
863-435NR	863-335NR	3"	5½"	4⅜"–6⅜"	B*	1	6	62.50 EA
863-43NR	863-33NR	3"	6½"	4½"–6½"	B*	1	6	73.75 EA
863-445NR	863-345NR	4"	5½"	4⅜"–6⅜"	B*	1	6	62.50 EA
863-44NR	863-34NR	4"	6½"	4½"–6½"	B*	1	6	73.75 EA
304 STAINLESS STEEL RING & STRAINER								
863-425SR	863-325SR	2"	5½"	4⅜"–6⅜"	B*	1	6	62.50 EA
863-42SR	863-32SR	2"	6½"	4½"–6½"	B*	1	6	73.75 EA
863-435SR	863-335SR	3"	5½"	4⅜"–6⅜"	B*	1	6	62.50 EA
863-43SR	863-33SR	3"	6½"	4½"–6½"	B*	1	6	73.75 EA
863-44SR	863-34SR	4"	6½"	4½"–6½"	B*	1	6	73.75 EA
CAST IRON RING & STRAINER								
863-425i	863-325i	2"	6⅛"	4⅞"–6⅞"	B*	1	2	56.50 EA
863-42i	863-32i	2"	6⅝"	5⅛"–7⅛"	B*	1	2	67.75 EA
863-43i	863-33i	3"	6⅝"	5⅛"–7⅛"	B*	1	2	67.75 EA
863-44i	863-34i	4"	6⅝"	5⅛"–7⅛"	B*	1	2	67.75 EA
ACCESSORIES								
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5	149.75 EA
842-UM	4⅝" stainless steel debris basket (use with larger head only)				B*	1	1	15.00 EA



A
Sch. 40 hub

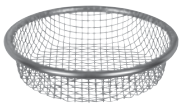


863-43NQ

Flashing Drain
Sch. 40 Hub Connection

Square Pattern Ring and Strainer

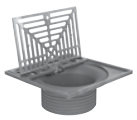
- ABS/PVC base adapter with ABS clamping collar and head adapter
- Acme threads are stronger than pipe threads and prevent cross-threading
- Ductile iron head/collar available
- Square strainer is perfect for floor tile
- For use in pedestrian traffic areas



842-UM



863-FA



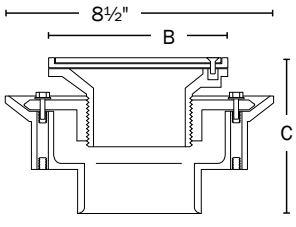
Option H
Hinged Strainer

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
H	Hinged strainer [1]	$12.00
Y	Ductile iron head adapter in place of ABS	$20.00
D	Ductile iron clamping collar in place of ABS	$20.00
T	Tapped ½" FIP for trap primer with plug	$8.00

[1] Available for 7" nickel bronze and stainless steel strainers.

PVC Item No	ABS Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE RING & STRAINER								
863-425NQ	863-325NQ	2"	5⅞"	4⅜"–6⅜"	B*	1	2	77.50 EA
863-42NQ	863-32NQ	2"	7"	4½"–6½"	B*	1	2	98.75 EA
863-435NQ	863-335NQ	3"	5⅞"	4⅜"–6⅜"	B*	1	2	77.50 EA
863-43NQ	863-33NQ	3"	7"	4½"–6½"	B*	1	2	98.75 EA
863-445NQ	863-345NQ	4"	5⅞"	4⅜"–6⅜"	B*	1	2	77.50 EA
863-44NQ	863-34NQ	4"	7"	4½"–6½"	B*	1	2	98.75 EA
304 STAINLESS STEEL RING & STRAINER								
863-425SQ	863-325SQ	2"	5⅞"	4⅜"–6⅜"	B*	1	2	77.50 EA
863-42SQ	863-32SQ	2"	7"	4½"–6½"	B*	1	2	98.75 EA
863-435SQ	863-335SQ	3"	5⅞"	4⅜"–6⅜"	B*	1	2	77.50 EA
863-43SQ	863-33SQ	3"	7"	4½"–6½"	B*	1	2	98.75 EA
863-44SQ	863-34SQ	4"	7"	4½"–6½"	B*	1	2	98.75 EA
ACCESSORIES								
863-FA	Round aluminum condensate funnel with screws				B*	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws				B*	1	5	67.50 EA
863-FNO	Oval ni-brnz condensate funnel with screws				B*	1	5	149.75 EA
842-UM	4⅝" stainless steel debris basket (use with larger head only)				B*	1	1	15.00 EA



A
Sch. 40 hub

Halo™ Drain

Adjustable Floor Drain with Deck Flange
Ductile Iron No-Hub Connection

- 2" or 3" no-hub connection
- Head adjusts up to ¾" above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Installs easily in cored concrete floors or corrugated decks
- Great for loft remodels, second floor utility rooms/laundry rooms, etc.



822-M3DNR



822-F3DSR

Options: Add letter after dash in item number. Add prices to list.

NEW	**M**	Clamping collar kit	$15.00

Options: Add letter suffix. Add price to list.

NEW	**V**	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00
NEW	**9**	90 deg. side outlet connection	$10.00

[1] Only available for round nickel bronze ring and strainer.

	Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
			HALO DRAIN						
	822-2DNR	Round nickel bronze	2"	5½"	0"–¾"	B	1	4	85.00 EA
	822-2DSR	Round 304 stainless	2"	5½"	0"–¾"	B	1	4	85.00 EA
	822-2DNQ	Square nickel bronze	2"	5⅞"	5/16"–¾"	B	1	4	100.00 EA
	822-2DSQ	Square 304 stainless	2"	5⅞"	5/16"–¾"	B	1	4	100.00 EA
	822-3DNR	Round nickel bronze	3"	5½"	0–¾"	B	1	4	85.00 EA
	822-3DSR	Round 304 stainless	3"	5½"	0"–¾"	B	1	4	85.00 EA
	822-3DNQ	Square nickel bronze	3"	5⅞"	5/16"–¾"	B	1	4	100.00 EA
	822-3DSQ	Square 304 stainless	3"	5⅞"	5/16"–¾"	B	1	4	100.00 EA
			FINISH LINE HALO ROUGH-IN DRAIN						
	822-2DF	(Coring plug)	2"	—	1"	B	1	1	53.75 EA
	822-3DF	(Coring plug)	3"	—	1"	B	1	1	53.75 EA
			FINISH LINE HALO FINISH FIXTURE						
	832-3DHNR	Round nickel bronze	—	5½"	1"–2"	B	1	1	48.75 EA
	832-3DHSR	Round 304 stainless	—	5½"	1"–2"	B	1	1	48.75 EA
	832-3DHNQ	Square nickel bronze	—	5⅞"	1 5/16"–2"	B	1	1	63.75 EA
	832-3DHSQ	Square 304 stainless	—	5⅞"	1 5/16"–2"	B	1	1	63.75 EA
			FINISH LINE HALO COMPLETE ASSEMBLY						
	822-F2DNR	Round nickel bronze	2"	5½"	1"–2"	B*	1	1	102.50 EA
	822-F2DSR	Round 304 stainless	2"	5½"	1"–2"	B*	1	1	102.50 EA
	822-F2DNQ	Square nickel bronze	2"	5⅞"	1 5/16"–2"	B*	1	1	117.50 EA
	822-F2DSQ	Square 304 stainless	2"	5⅞"	1 5/16"–2"	B*	1	1	117.50 EA
	822-F3DNR	Round nickel bronze	3"	5½"	1"–2"	B*	1	1	102.50 EA
	822-F3DSR	Round 304 stainless	3"	5½"	1"–2"	B*	1	1	102.50 EA
	822-F3DNQ	Square nickel bronze	3"	5⅞"	1 5/16"–2"	B*	1	1	117.50 EA
	822-F3DSQ	Square 304 stainless	3"	5⅞"	1 5/16"–2"	B*	1	1	117.50 EA
			ACCESSORIES						
	832-S3	Shim kit for Finish Line Halo: two shims, two ¾" screws				B	1	10	5.00 EA
	863-FA	Round aluminum condensate funnel with screws				B	1	5	30.00 EA
	863-FN	Round ni-brnz condensate funnel with screws				B	1	5	67.50 EA
	822-EX3	Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve				B	1	1	22.50 EA



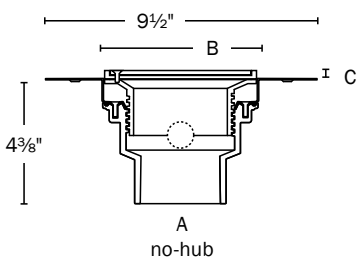
832-S3



822-EX3



863-FA



Halo™ Drain



822-3PNR



822-MF3PNR

Adjustable Floor Drain with Deck Flange Sch. 40 Hub Connection

- Outlet welds over 2" and inside 3", or over 3" and inside 4"
- Head adjusts up to ¾" above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Installs easily in cored concrete floors or corrugated decks
- Great for loft remodels, second floor utility rooms/laundry rooms, etc.

Options: Add letter after dash in item number. Add prices to list.

NEW	**M**	Clamping collar kit	$15.00

Options: Add letter suffix. Add price to list.

NEW	**V**	Vandal-resistant screws	$5.00
NEW	**B**	Complies with Buy American Act [1]	$47.50
NEW	**E**	Extended ring [1]	$60.00

[1] Only available for round nickel bronze ring and strainer.



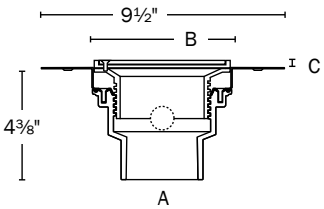
832-S3



822-EX3



863-FA



PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
			HALO DRAIN						
NEW									
822-2PNR	822-2ANR	Round nickel bronze	2" × 3"	5½"	0"–¾"	B	1	4	55.00 EA
NEW									
822-2PSR	822-2ASR	Round 304 stainless	2" × 3"	5½"	0"–¾"	B	1	4	55.00 EA
822-2PS	822-2AS	Round 18-ga. stainless	2" × 3"	5½"	0–½"	B	1	4	32.50 EA
NEW									
822-2PNQ	822-2ANQ	Square nickel bronze	2" × 3"	5⅞"	5⁄16"–¾"	B	1	4	70.00 EA
NEW									
822-2PSQ	822-2ASQ	Square 304 stainless	2" × 3"	5⅞"	5⁄16"–¾"	B	1	4	70.00 EA
822-3PNR	822-3ANR	Round nickel bronze	3" × 4"	5½"	0–¾"	B	1	4	55.00 EA
822-3PSR	822-3ASR	Round 304 stainless	3" × 4"	5½"	0–¾"	B	1	4	55.00 EA
822-3PS	822-3AS	Round 18-ga. stainless	3" × 4"	5½"	0–½"	B	1	4	32.50 EA
NEW									
822-3PNQ	822-3ANQ	Square nickel bronze	3" × 4"	5⅞"	5⁄16"–¾"	B	1	4	70.00 EA
NEW									
822-3PSQ	822-3ASQ	Square 304 stainless	3" × 4"	5⅞"	5⁄16"–¾"	B	1	4	70.00 EA
			FINISH LINE HALO ROUGH-IN DRAIN						
822-2PF	822-2AF	(Coring plug)	2" × 3"	—	1"	B	1	4	38.00 EA
822-3PF	822-3AF	(Coring plug)	3" × 4"	—	1"	B	1	4	38.00 EA
			FINISH LINE HALO FINISH FIXTURE						
832-3HNR	—	Round nickel bronze	—	5½"	1"–2"	B	1	10	37.00 EA
832-3HSR	—	Round 304 stainless	—	5½"	1"–2"	B	1	1	37.00 EA
832-3HNQ	—	Square nickel bronze	—	5⅞"	1"–2"	B	1	10	52.00 EA
832-3HSQ	—	Square 304 stainless	—	5⅞"	1"–2"	B	1	1	52.00 EA
			FINISH LINE HALO COMPLETE ASSEMBLY						
NEW									
822-F2PNR	822-F2ANR	Round nickel bronze	2" × 3"	5½"	1"–2"	B*	1	1	75.00 EA
NEW									
822-F2PSR	822-F2ASR	Round 304 stainless	2" × 3"	5½"	1"–2"	B*	1	1	75.00 EA
NEW									
822-F2PNQ	822-F2ANQ	Square nickel bronze	2" × 3"	5⅞"	1 5⁄16"–2"	B*	1	1	90.00 EA
NEW									
822-F2PSQ	822-F2ASQ	Square 304 stainless	2" × 3"	5⅞"	1 5⁄16"–2"	B*	1	1	90.00 EA
822-F3PNR	822-F3ANR	Round nickel bronze	3" × 4"	5½"	1"–2"	B*	1	1	75.00 EA
822-F3PSR	822-F3ASR	Round 304 stainless	3" × 4"	5½"	1"–2"	B*	1	1	75.00 EA
NEW									
822-F3PNQ	822-F3ANQ	Square nickel bronze	3" × 4"	5⅞"	1 5⁄16"–2"	B*	1	1	90.00 EA
NEW									
822-F3PSQ	822-F3ASQ	Square 304 stainless	3" × 4"	5⅞"	1 5⁄16"–2"	B*	1	1	90.00 EA
			ACCESSORIES						
832-S3	Shim kit for Finish Line Halo: two shims, two ¾" screws					B	1	10	5.00 EA
863-FA	Round aluminum condensate funnel with screws					B	1	5	30.00 EA
863-FN	Round ni-brnz condensate funnel with screws					B	1	5	67.50 EA
822-EX3	Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve					B	1	1	22.50 EA
822-TB	Thread bushing for Halo head					B	1	1	15.00 EA

ROOF DRAINS

COMMERCIAL DRAINS

LIGHT COMMERCIAL DRAINS

Cast Iron Roof Drain

Cast Iron No-Hub Connection

- Enamel-coated cast iron body, gravel guard and dome strainer
- Low-profile dome strainer twist-locks into gravel guard



868-1504



868-15WD



868-15EXT



868-15S



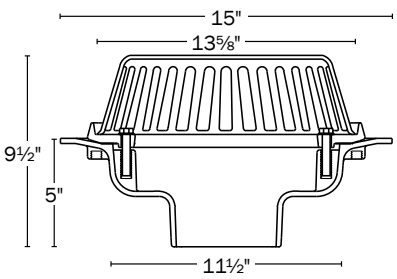
868-15U



868-15SH

Options: Add letter suffix. Add price to list.

NEW	**H**	Undermount hardware kit	$39.50
	U	Underdeck clamp kit	$42.50
	S	Sump receiver	$74.00
	E	Adjustable extension assembly kit	$147.50
	W	2" high, external water dam	$67.50
NEW	**P**	2" high, internal water dam	$65.00



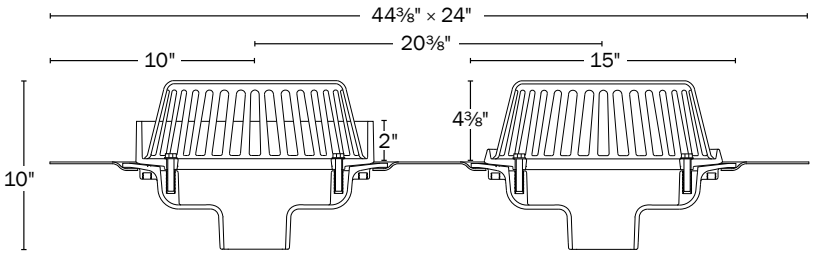
	Item No	Description	Pkg	Min Qty	Case Qty	List Price
	868-1503	3" no-hub cast iron roof drain	B*	1	1	135.00 EA
	868-1504	4" no-hub cast iron roof drain	B*	1	1	135.00 EA
	868-1506	6" no-hub cast iron roof drain	B*	1	1	135.00 EA
	868-1508	8" no-hub cast iron roof drain	B*	1	1	135.00 EA
		ACCESSORIES				
	868-15CD	Cast iron dome strainer	B*	1	1	35.00 EA
	868-15S	Sump receiver – 16-gauge galvanized steel	B*	1	1	74.00 EA
NEW	868-15SH	Undermount hardware kit: 4 pieces angle bracket, thread rod, nuts, washers	B*	1	1	39.50 EA
	868-15U	Underdeck clamp kit: 4 pieces thread rod, nuts, washers, two clamping bars	B*	1	1	42.50 EA
	868-15WD	External water dam – 2" high	B*	1	5	67.50 EA
	868-15EXT	Adjustable extension assembly kit	B*	1	1	147.50 EA

NEW Roof Drain & Overflow

Cast Iron No-Hub Connection

- Install drain and overflow fixtures side-by-side, using one sump receiver
- Includes powder-coated sump receiver, roof drain, and overflow fixtures
- Enamel-coated cast iron body, gravel guard and dome strainer







868-15U



868-15SH



868-15EXT

Options: Add letter suffix. Add price to list.

H	Undermount hardware kit (2 kits)	$79.00
U	Underdeck clamp kit (2 kits)	$85.00
E	Adjustable extension assembly kit (2 kits)	$295.00
P	2" high, internal water dam in lieu of external water dam (1 pc)	$(N/C)

Item No	Description	Pkg	Min Qty	Case Qty	List Price
868-D1503	3" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1	437.50 EA
868-D1504	4" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1	437.50 EA
868-D1506	6" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1	437.50 EA
868-D1508	8" no-hub cast iron roof drain & overflow with sump receiver	B*	1	1	437.50 EA
	ACCESSORIES				
868-15CD	Cast iron dome strainer	B	1	1	35.00 EA
868-15S2	Double sump receiver only – 12 gauge powder-coated steel	B	1	1	140.00 EA
868-15SH	Undermount hardware kit: 4 pieces angle bracket, thread rod, nuts, washers	B*	1	1	39.50 EA
868-15U	Underdeck clamp kit: 4 pieces angle bracket, thread rod, nuts, washers, two clamping bars	B*	1	1	42.50 EA
868-15EXT	Adjustable extension assembly kit	B*	1	1	147.50 EA

Large Capacity Cast Iron Roof Drain

Cast Iron No-Hub Connection

- For large capacity applications
- Cast iron dome strainer
- Enamel-coated cast iron body, gravel guard and dome strainer
- Low-profile dome strainer twist-locks into gravel guard



868-2010



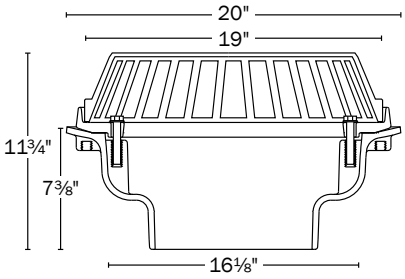
868-20WD



868-20S



868-20U



Options: Add letter suffix. Add price to list.

U	Underdeck clamp kit	$82.50
S	Sump receiver	$135.00
W	2" high, external water dam	$85.00

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
868-2010	10" no-hub	B*	1	1	290.00 EA
868-2012	12" no-hub	B*	1	1	290.00 EA
	ACCESSORIES				
868-20CD	Cast iron dome strainer	B*	1	1	87.50 EA
868-20WD	External water dam – 2" high	B*	1	1	85.00 EA
868-20U	Underdeck clamp kit: 4 pieces thread rod, nuts, washers, two clamping bars	B*	1	1	82.50 EA
868-20S	Sump receiver	B*	1	1	135.00 EA

868 Series No-Hub Roof Drain

Cast Iron No-Hub Connection

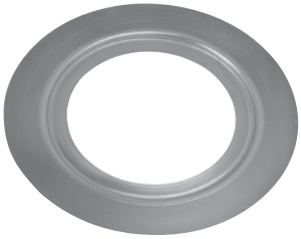
- Polyethylene or cast aluminum strainer
- Polyethylene dome strainer is U.V. resistant
- Cast aluminum dome strainer and gravel guard are epoxy-coated



868-i4M



868-WD

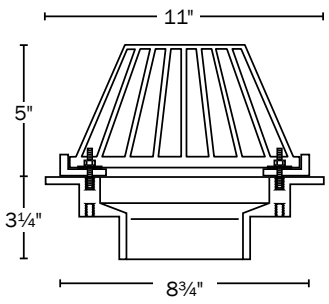


868-S

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$8.00
W	External water dam, 2 3/16"	$75.00
P	Steel micro-screen installed over dome strainer	$50.00
STP2	2" overflow standpipe installed	$75.00
U	Underdeck clamp kit	$52.50
S	Sump receiver	$45.00
E	Extension collar kit	$50.00

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
	POLYETHYLENE DOME STRAINER				
868-i3	3" no-hub	B*	1	2	125.00 EA
868-i4	4" no-hub	B*	1	2	125.00 EA
868-i6	6" no-hub	B*	1	2	125.00 EA
	EPOXY-COATED CAST ALUMINUM DOME STRAINER				
868-i3M	3" no-hub	B*	1	2	165.00 EA
868-i4M	4" no-hub	B*	1	2	165.00 EA
868-i6M	6" no-hub	B*	1	2	165.00 EA
	ACCESSORIES				
868-MC	Epoxy-coated aluminum replacement gravel guard	B*	1	10	40.00 EA
868-WD	Epoxy-coated aluminum external water dam, 2 3/16"	B*	1	1	75.00 EA
868-C	Under deck clamp kit: 11" epoxy-coated clamping plate, thread rod, nuts & washers	B*	1	5	52.50 EA
868-E	Extension collar kit: 13" extension collar, thread rod, nuts & washers	B*	1	5	50.00 EA
868-S	Sump receiver: 11½" sump receiver plate	B*	1	10	45.00 EA



868 Series Solvent Weld Roof Drain

ABS or PVC Solvent Weld Connection

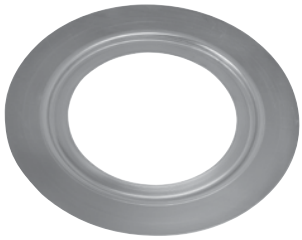
- Polyethylene or cast aluminum dome strainer
- Polyethylene dome strainer is U.V. resistant
- Cast aluminum dome strainer and gravel guard are epoxy-coated
- Brass thread inserts accept collar and clamp screws



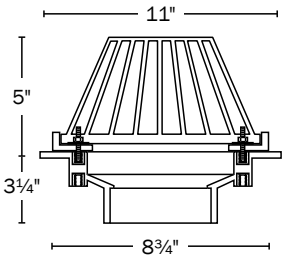
868-P4M



868-WD



868-S



Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$8.00
W	External water dam, 2 3⁄16"	$75.00
P	Steel micro-screen installed over dome strainer	$50.00
STP2	2" overflow standpipe installed	$75.00
U	Underdeck clamp kit	$52.50
S	Sump receiver	$45.00
E	Extension collar kit	$50.00

PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty	List Price
		POLYETHYLENE DOME STRAINER				
868-P3	868-A3	3" Sch. 40 hub	B*	1	2	86.50 EA
868-P4	868-A4	4" Sch. 40 hub	B*	1	2	86.50 EA
868-P6	868-A6	6" Sch. 40 hub	B*	1	2	86.50 EA
		EPOXY-COATED CAST ALUMINUM DOME STRAINER				
868-P3M	868-A3M	3" Sch. 40 hub	B*	1	2	126.50 EA
868-P4M	868-A4M	4" Sch. 40 hub	B*	1	2	126.50 EA
868-P6M	868-A6M	6" Sch. 40 hub	B*	1	2	126.50 EA
		ACCESSORIES				
868-MC	—	Epoxy-coated aluminum replacement gravel guard	B*	1	10	40.00 EA
868-WD	—	Epoxy-coated aluminum external water dam, 2 3⁄16"	B*	1	1	75.00 EA
868-C	—	Under deck clamp kit: 11" epoxy-coated clamping plate, thread rod, nuts & washers	B*	1	5	52.50 EA
868-E	—	Extension collar kit: 13" extension collar, thread rod, nuts & washers	B*	1	5	50.00 EA
868-S	—	Sump receiver: 11½" sump receiver plate	B*	1	10	45.00 EA

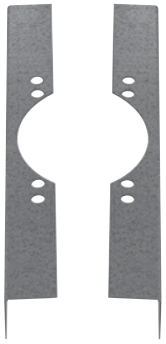
867 Series Solvent Weld Roof Drain

ABS or PVC Solvent Weld Connection

- Polypropylene (Polypro) or cast iron dome strainer
- ABS or PVC solvent weld connection
- Uses “key and keyhole” alignment system on dome strainer and gravel guard
- Polypro dome strainer and PVC gravel guard are U.V. resistant
- Brass thread inserts accept collar and clamp screws



867-P4

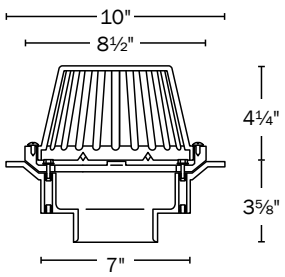


867-C

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$8.00
P	Steel micro-screen installed over dome strainer	$50.00
C	Ductile iron gravel guard in place of PVC	$22.50
STP2	2" overflow standpipe installed	$50.00
U	Underdeck clamp kit	$26.50

PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty	List Price
		POLYPROPYLENE DOME STRAINER				
867-P2	867-A2	2" Sch. 40 hub	B*	1	2	42.50 EA
867-P3	867-A3	3" Sch. 40 hub	B*	1	2	42.50 EA
867-P4	867-A4	4" Sch. 40 hub	B*	1	2	42.50 EA
		ENAMEL-COATED CAST IRON DOME STRAINER				
867-P2M	867-A2M	2" Sch. 40 hub	B*	1	2	62.50 EA
867-P3M	867-A3M	3" Sch. 40 hub	B*	1	2	62.50 EA
867-P4M	867-A4M	4" Sch. 40 hub	B*	1	2	62.50 EA
		ACCESSORIES				
867-C	—	Underdeck clamp kit: four pieces 8" thread rod, four washers, four nuts, two 14" clamping bars	B*	1	25	26.50 EA
867-HC	—	PVC replacement gravel guard	B	1	5	11.50 EA
867-MC	—	Ductile iron replacement gravel guard	B	1	5	22.50 EA
867-UM	—	Stainless steel dome screen	B*	1	1	50.00 EA



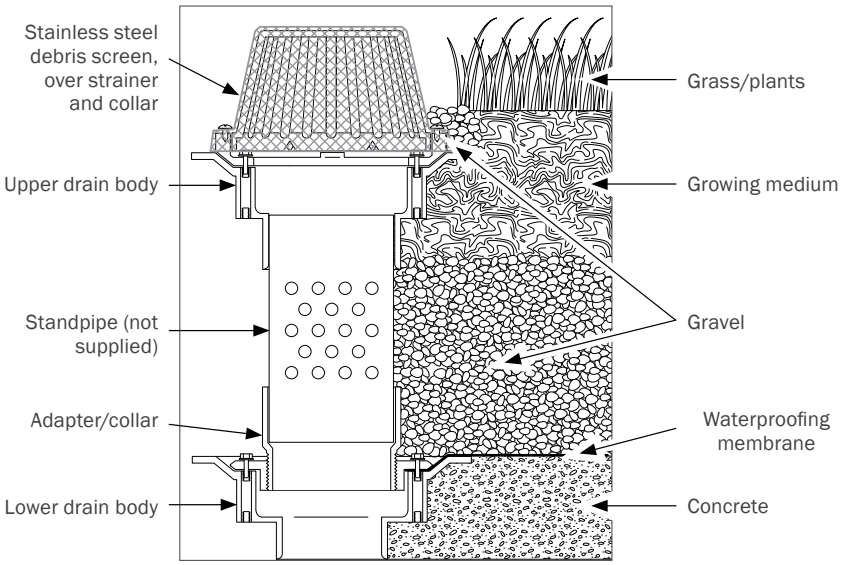


867-L3PP

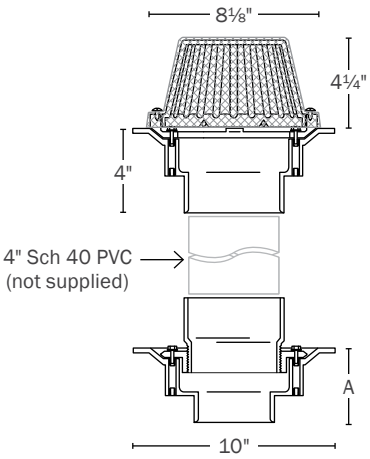
Planter Area Drain

ABS or PVC Solvent Weld Connection

- Perfect for indoor atriums, green roof installations, ground-level plant boxes, etc.
- All corrosion-resistant materials – ABS/PVC, polypro, stainless steel and brass
- Provides an economical, adjustable alternative to heavy cast iron models



TYPICAL INSTALLATION
Fixtures are installed where draining of excess water in planting areas is necessary. A measured length of 4" Sch. 40 PVC is installed between the adapter and the upper drain body. This pipe may be drilled and wrapped with landscape fabric (if desired) for additional secondary drainage. Gravel should be applied around the adapter and collar to protect weep holes and to insure proper secondary drainage.



PVC Item No	ABS Item No	Connection	Dimension A	Pkg	Min Qty	Case Qty	List Price
867-L3PP	867-L3AP	3" Sch. 40 hub	3¾"	B*	1	1	115.00 EA
867-L4PP	867-L4AP	4" Sch. 40 hub	4"	B*	1	1	115.00 EA
		ACCESSORIES					
867-C	—	Underdeck clamp kit		B*	1	25	26.50 EA
867-MD	—	Ductile iron dome strainer		B*	1	5	35.00 EA
867-MC	—	Ductile iron collar/gravel guard		B*	1	5	22.50 EA

CLEANOUTS

FINISH LINE™

STANDARD ADJUSTABLE CLEANOUTS

HALO™

ACCESS COVERS

WALL CLEANOUTS

CLEANOUT BUSHING

CLEANOUT PLUGS

Finish Line™

Adjustable Cleanout

Patent #7,735,512

The Finish Line™ allows for adjustment of the cleanout AFTER the pour. Achieve a perfect finish for every cover every time.



Finish Fixture



Coring Plug



Coring Sleeve

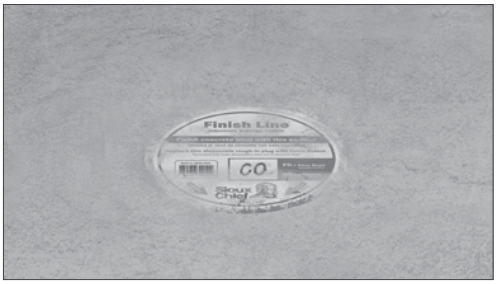


Base Adapter

Installing the Finish Line



Set Drain



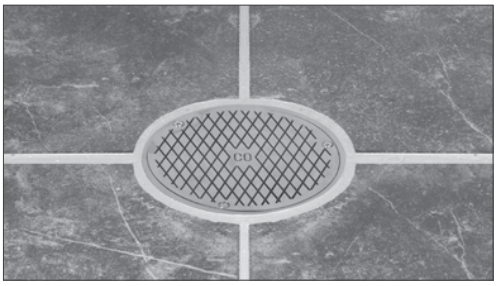
Pour Concrete Flush with Plug



Remove Coring Plug



Install Finish Fixture



A Perfect Finish

Eliminate cleanouts set too high or too low.
Stop wrapping threads and boxing out.







Eliminate finish fixture damage by
keeping them off the job during construction.







Finish Line™

Adjustable Cleanout
Ductile Iron No-Hub Connection

- Adjustable AFTER the pour
- Ductile iron base adapter with 3½" polypro cleanout plug, ductile iron coring sleeve, head adapter and poly coring plug
- Medium-duty nickel bronze and stainless steel covers
- Ductile iron covers for use in heavy-duty applications



834-4DiR



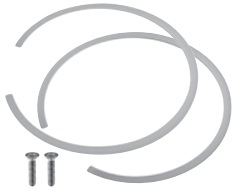
Rough-in Drain
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and strainer



Complete Assembly
Includes rough-in drain and boxed finish fixture



832-S4



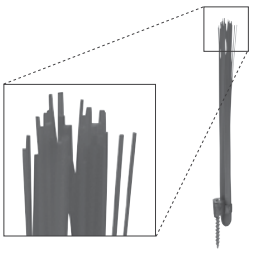
832-EX4

Options: Add letter suffix. Add price to list.

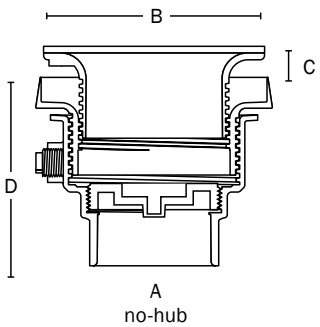
V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00
C	Carpet marker	$12.00
B	Brass plug in place of polypro	$10.00
Z	Complies with Buy American Act [2]	$47.50

[1] Not available on ductile iron covers.
[2] Only available on cleanouts with round nickel covers.

Item No	Ring & Cover	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
		NO-HUB ROUGH-IN CLEANOUT							
834-3DF	(Coring plug)	3"	—	—	5¼"–6½"	B*	1	1	50.00 EA
834-4DF	(Coring plug)	4"	—	—	5½"–6¾"	B*	1	1	50.00 EA
		FINISH FIXTURE							
834-4DHiR	Round ductile	—	6½"	—		B*	1	10	55.00 EA
834-4DHNR	Round ni-brnz	—	6½"	—		B*	1	10	85.00 EA
834-4DHNQ	Square ni-brnz	—	6⅝"	—		B*	1	10	105.00 EA
834-4DHSR	Round 304 SS	—	6½"	—		B*	1	1	85.00 EA
834-4DHSQ	Square 304 SS	—	6⅝"	—		B*	1	1	105.00 EA
		NO-HUB COMPLETE ASSEMBLY							
834-3DiR	Round ductile	3"	6½"	0–1¼"	5¼"–6½"	B*	1	1	105.00 EA
834-3DNR	Round ni-brnz	3"	6½"	0–1¼"	5¼"–6½"	B*	1	1	135.00 EA
834-3DNQ	Square ni-brnz	3"	6⅝"	5/16"–1¼"	5¼"–6½"	B*	1	1	155.00 EA
834-3DSR	Round 304 SS	3"	6½"	0–1¼"	5¼"–6½"	B*	1	1	135.00 EA
834-3DSQ	Square 304 SS	3"	6⅝"	5/16"–1¼"	5¼"–6½"	B*	1	1	155.00 EA
834-4DiR	Round ductile	4"	6½"	0–1¼"	5½"–6¾"	B*	1	1	105.00 EA
834-4DNR	Round ni-brnz	4"	6½"	0–1¼"	5½"–6¾"	B*	1	1	135.00 EA
834-4DNQ	Square ni-brnz	4"	6⅝"	5/16"–1¼"	5½"–6¾"	B*	1	1	155.00 EA
834-4DSR	Round 304 SS	4"	6½"	0–1¼"	5½"–6¾"	B*	1	1	135.00 EA
834-4DSQ	Square 304 SS	4"	6⅝"	5/16"–1¼"	5½"–6¾"	B*	1	1	155.00 EA
		ACCESSORIES							
832-S4	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-EX4	Ductile iron extension nipple					B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw					B*	1	10	5.00 EA



832-W
Locating bristles



Finish Line™

Adjustable Cleanout
6" Ductile Iron No-Hub Connection

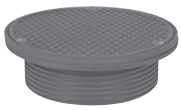
- Adjustable AFTER the pour
- Ductile iron base adapter with 6" polypro cleanout plug, ductile iron coring sleeve, head adapter and poly coring plug
- Medium-duty nickel bronze and stainless steel covers
- Ductile iron cover for use in heavy-duty applications



834-6DIR



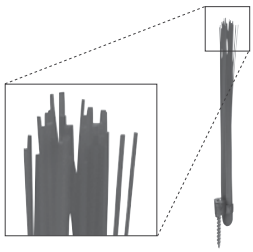
Rough-in Cleanout
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and cover



Complete Assembly
Includes rough-in cleanout and boxed finish fixture

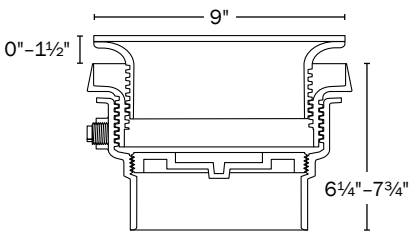


832-W
Locating bristles

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
B	Brass plug in place of polypro	$30.00

	Item No	Description	Pkg	Min Qty	Case Qty	List Price
		ROUGH-IN CLEANOUT				
	834-6DF	6” no-hub cleanout rough-in fixture	B*	1	1	102.50 EA
		FINISH FIXTURE				
	834-6DHiR	Ductile iron head adapter with ductile iron ring & cover	B*	1	1	82.50 EA
NEW	834-6DHNR	Ductile iron head adapter with nickel bronze ring & cover	B*	1	1	192.50 EA
NEW	834-6DHSR	Ductile iron head adapter with 304 stainless ring & cover	B*	1	1	192.50 EA
		COMPLETE ASSEMBLY				
	834-6DiR	6” no-hub cleanout with ductile iron cover	B*	1	1	185.00 EA
NEW	834-6DNR	6" no-hub cleanout with nickel bronze ring & cover	B*	1	1	295.00 EA
NEW	834-6DSR	6" no-hub cleanout with 304 stainless ring & cover	B*	1	1	295.00 EA
		ACCESSORIES				
	832-W	Flexible red locating bristles with screw	B*	1	10	5.00 EA



Finish Line™

Adjustable Cleanout
Ductile Iron Push-Joint Connection

- Adjustable AFTER the pour
- Ductile iron base adapter with 3½" polypro cleanout plug, ductile iron coring sleeve, head Adapter, poly coring plug and neoprene push-joint gasket
- Medium-duty nickel bronze and stainless steel covers
- Ductile iron covers for use in heavy-duty applications



834-63DNQ



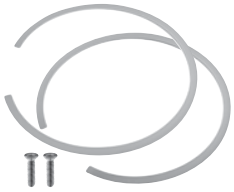
Rough-in Cleanout
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and cover



Complete Assembly
Includes rough-in cleanout and boxed finish fixture



832-S4

Options: Add letter suffix. Add price to list.

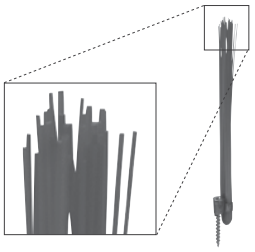
V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00
C	Carpet marker	$12.00
B	Brass plug in place of polypro	$10.00
Z	Complies with Buy American Act [2]	$47.50
NEW **P**	Push-joint gasket to fit Sch. 40 ABS/PVC pipe	$3.00

[1] Not available on ductile iron covers.
[2] Only available on cleanouts with round nickel covers.

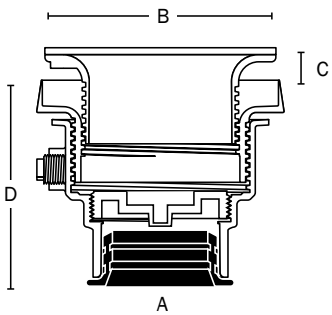


832-EX4

Item No	Ring & Cover	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
PUSH-JOINT ROUGH-IN CLEANOUT									
834-63DF	(Coring plug)	3"	—	4¾"	5⅝"–6⅞"	B*	1	1	50.00 EA
834-64DF	(Coring plug)	4"	—	5"	5⅞"–7⅛"	B*	1	1	50.00 EA
FINISH FIXTURE									
834-4DHiR	Round ductile	—	6½"	—	—	B*	1	10	55.00 EA
834-4DHNR	Round ni-brnz	—	6½"	—	—	B*	1	10	85.00 EA
834-4DHNQ	Square ni-brnz	—	6⅝"	—	—	B*	1	10	105.00 EA
834-4DHSR	Round 304 SS	—	6½"	—	—	B*	1	1	85.00 EA
834-4DHSQ	Square 304 SS	—	6⅝"	—	—	B*	1	1	105.00 EA
PUSH-JOINT COMPLETE ASSEMBLY									
834-63DiR	Round ductile	3"	6½"	0–1¼"	5⅝"–6⅞"	B*	1	1	105.00 EA
834-63DNR	Round ni-brnz	3"	6½"	0–1¼"	5⅝"–6⅞"	B*	1	1	135.00 EA
834-63DNQ	Square ni-brnz	3"	6⅝"	5/16"–1¼"	5⅝"–6⅞"	B*	1	1	155.00 EA
834-63DSR	Round 304 SS	3"	6½"	0–1¼"	5⅝"–6⅞"	B*	1	1	135.00 EA
834-63DSQ	Square 304 SS	3"	6⅝"	5/16"–1¼"	5⅝"–6⅞"	B*	1	1	155.00 EA
834-64DiR	Round ductile	4"	6½"	0–1¼"	5⅞"–7⅛"	B*	1	1	105.00 EA
834-64DNR	Round ni-brnz	4"	6½"	0–1¼"	5⅞"–7⅛"	B*	1	1	135.00 EA
834-64DNQ	Square ni-brnz	4"	6⅝"	5/16"–1¼"	5⅞"–7⅛"	B*	1	1	155.00 EA
834-64DSR	Round 304 SS	4"	6½"	0–1¼"	5⅞"–7⅛"	B*	1	1	135.00 EA
834-64DSQ	Square 304 SS	4"	6⅝"	5/16"–1¼"	5⅞"–7⅛"	B*	1	1	155.00 EA
ACCESSORIES									
NEW 858-PG4	Push-joint gasket for 4" Sch. 40 pipe					B*	1	1	10.50 EA
832-S4	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-EX4	Ductile iron extension nipple					B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw					B*	1	10	5.00 EA



832-W
Locating bristles



Finish Line™

Adjustable Cleanout
Sch. 40 Hub Connection

- Adjustable AFTER the pour
- ABS/PVC base adapter with 3½" polypro cleanout plug, ABS coring sleeve, head adapter and poly coring plug
- Medium-duty nickel bronze and stainless steel covers
- Tenzalloy covers for pedestrian traffic areas



834-3ANR



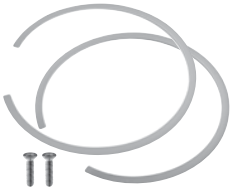
Rough-in Cleanout
Base adapter, coring sleeve and coring plug



Finish Fixture
Head adapter, ring and cover



Complete Assembly
Includes rough-in cleanout and boxed finish fixture



832-S4

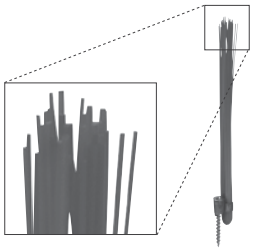


832-EX4

Options: Add letter suffix. Add price to list.

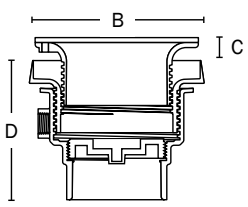
V	Vandal-resistant screws	$5.00
S	Stamping: specify letters	$5.00
C	Carpet marker	$12.00
Z	Complies with Buy American Act [1]	$47.50

[1] Only available on cleanouts with round nickel covers.



832-W
Locating bristles

PVC Item No	ABS Item No	Ring & Cover	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
ROUGH-IN CLEANOUT										
834-3PF	834-3AF	(Coring plug)	3" × 4"	—	—	5¼"–6½"	B*	1	10	22.00 EA
834-4PF	834-4AF	(Coring plug)	4"	—	—	5½"–6¾"	B*	1	10	22.00 EA
FINISH FIXTURE										
834-4HNR	—	Round ni-brnz	—	6½"	—		B*	1	10	65.50 EA
834-4HNQ	—	Square ni-brnz	—	6⅝"	—		B*	1	10	85.50 EA
834-4HTR	—	Round tenz	—	6½"	—		B*	1	1	45.50 EA
834-4HSR	—	Round 304 SS	—	6½"	—		B*	1	1	65.50 EA
834-4HSQ	—	Square 304 SS	—	6⅝"	—		B*	1	1	85.50 EA
COMPLETE ASSEMBLY										
834-3PNR	834-3ANR	Round ni-brnz	3" × 4"	6½"	0–1¼"	5¼"–6½"	B*	1	1	87.50 EA
834-3PNQ	834-3ANQ	Square ni-brnz	3" × 4"	6⅝"	5/16"–1¼"	5¼"–6½"	B*	1	1	107.50 EA
834-3PSR	834-3ASR	Round 304 SS	3" × 4"	6½"	0–1¼"	5¼"–6½"	B*	1	1	87.50 EA
834-3PSQ	834-3ASQ	Square 304 SS	3" × 4"	6⅝"	5/16"–1¼"	5¼"–6½"	B*	1	1	107.50 EA
834-3PTR	834-3ATR	Round tenz	3" × 4"	6½"	0–1¼"	5¼"–6½"	B*	1	1	67.50 EA
834-4PNR	834-4ANR	Round ni-brnz	4"	6½"	0–1¼"	5½"–6¾"	B*	1	1	87.50 EA
834-4PNQ	834-4ANQ	Square ni-brnz	4"	6⅝"	5/16"–1¼"	5½"–6¾"	B*	1	1	107.50 EA
834-4PSR	834-4ASR	Round 304 SS	4"	6½"	0–1¼"	5½"–6¾"	B*	1	1	87.50 EA
834-4PSQ	834-4ASQ	Square 304 SS	4"	6⅝"	5/16"–1¼"	5½"–6¾"	B*	1	1	107.50 EA
834-4PTR	834-4ATR	Round tenz	4"	6½"	0–1¼"	5½"–6¾"	B*	1	1	67.50 EA
ACCESSORIES										
832-S4	—	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-EX4	—	Ductile iron extension nipple					B*	1	1	22.50 EA
832-W	—	Flexible red locating bristles with screw					B*	1	10	5.00 EA



Sch. 40 Hub

Finish Line™

Adjustable Cleanout
Stainless Steel No-Hub Connection

- Adjustable AFTER the pour
- 304 stainless steel base adapter with 3½" polypro cleanout plug, stainless steel coring sleeve, head adapter and poly coring plug
- Stainless steel material is suitable for use in commercial/restaurant kitchens, health care facilities or food processing plants
- Other typical applications include breweries, chemical/textile plants, dairies or laboratories
- Medium-duty stainless steel covers



834-4SSR



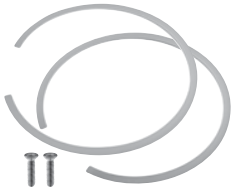
Rough-in Cleanout
Base adapter, coring sleeve and coring plug



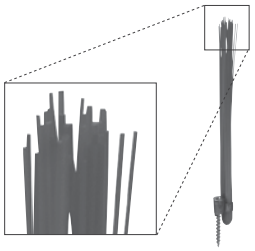
Finish Fixture
Head adapter, ring and cover



Complete Assembly
Includes rough-in cleanout and boxed finish fixture



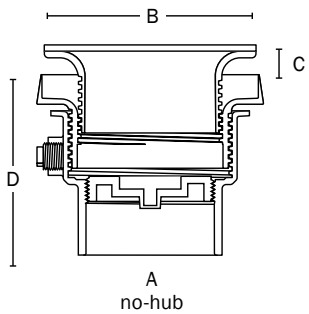
832-S4



832-W
Locating bristles

Options: Add letter suffix. Add price to list.
V Vandal-resistant screws $5.00

Item No	Ring & Cover	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
ROUGH-IN CLEANOUT									
834-3SF	(Coring plug)	3"	—	—	5¼"–6½"	B*	1	1	271.00 EA
834-4SF	(Coring plug)	4"	—	—	5½"–6¾"	B*	1	1	271.00 EA
FINISH FIXTURE									
834-4SHSR	Round 304 SS	—	6½"	—	—	B*	1	1	149.25 EA
834-4SHSQ	Square 304 SS	—	6⅝"	—	—	B*	1	1	169.25 EA
COMPLETE ASSEMBLY									
834-3SSR	Round 304 SS	3"	6½"	0–1¼"	5¼"–6½"	B*	1	1	420.25 EA
834-3SSQ	Square 304 SS	3"	6⅝"	5/16"–1¼"	5¼"–6½"	B*	1	1	440.25 EA
834-4SSR	Round 304 SS	4"	6½"	0–1¼"	5½"–6¾"	B*	1	1	420.25 EA
834-4SSQ	Square 304 SS	4"	6⅝"	5/16"–1¼"	5½"–6¾"	B*	1	1	440.25 EA
ACCESSORIES									
832-S4	Two adjustment shims, two ¾" screws					B*	1	10	7.00 EA
832-W	Flexible red locating bristles with screw					B*	1	10	5.00 EA



Adjustable Cleanout
Solvent Weld Connection

Nickel Bronze, Stainless Steel or Ductile Iron Ring and Cover

- Includes 3½" polypro cleanout plug situated in base adapter
- Nickel bronze, stainless steel and tenzalloy covers for use in pedestrian areas
- Ductile iron covers for use in heavy-duty applications



852-4PNR



852-4PNQ



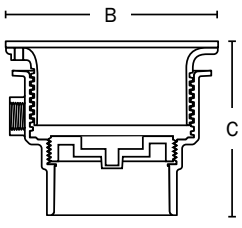
852-4Pi

Options: Add letter suffix. Add price to list.

	V	Vandal-resistant screws	$5.00
	S	Stamping: specify letters [1]	$5.00
	C	Carpet marker	$12.00
	Z	Complies with Buy American Act [2]	$47.50
NEW	**Y**	Ductile iron head adapter in place of ABS	$20.00

[1] Not available on ductile iron covers.
[2] Only available on cleanouts with round nickel covers.

PVC Item No	ABS Item No	Ring & Cover	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
ROUND PATTERN RING AND COVER									
852-3PNR	852-3ANR	Ni-brnz	3" hub	6½"	5⅛"–6¼"	B*	1	5	73.00 EA
852-4PNR	852-4ANR	Ni-brnz	4" hub	6½"	5⅜"–6½"	B*	1	10	73.00 EA
852-3PSR	852-3ASR	304 SS	3" hub	6½"	5⅛"–6¼"	B*	1	5	73.00 EA
852-4PSR	852-4ASR	304 SS	4" hub	6½"	5⅜"–6½"	B*	1	10	73.00 EA
852-3Pi	852-3Ai	Iron	3" hub	6½"	5⅛"–6¼"	B*	1	2	43.00 EA
852-4Pi	852-4Ai	Iron	4" hub	6½"	5⅜"–6½"	B*	1	2	43.00 EA
852-3PTR	852-3ATR	Tenz	3" hub	6½"	5⅛"–6¼"	B*	1	5	49.00 EA
852-4PTR	852-4ATR	Tenz	4" hub	6½"	5⅜"–6½"	B*	1	10	49.00 EA
SQUARE PATTERN RING AND COVER									
852-3PNQ	852-3ANQ	Ni-brnz	3" hub	6⅝"	5⅛"–6¼"	B*	1	2	93.00 EA
852-4PNQ	852-4ANQ	Ni-brnz	4" hub	6⅝"	5⅜"–6½"	B*	1	2	93.00 EA
852-3PSQ	852-3ASQ	304 SS	3" hub	6⅝"	5⅛"–6¼"	B*	1	2	93.00 EA
852-4PSQ	852-4ASQ	304 SS	4" hub	6⅝"	5⅜"–6½"	B*	1	2	93.00 EA

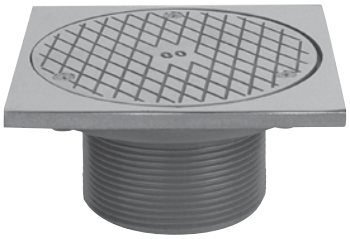


A
Sch. 40 hub

Adjustable Cleanout ABS MIP Thread

Nickel Bronze, Stainless Steel or Cast Iron Ring and Cover

- Nickel bronze, stainless steel, tenzalloy and ABS covers for use in pedestrian areas
- Cast iron covers for use in heavy-duty applications
- Slotted polypro cleanout plug included



852-3LNQ

Options: Add letter suffix. Add price to list.

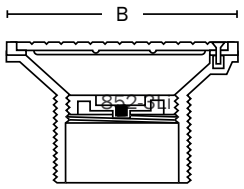
V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00

[1] Not available on cast iron covers.



852-3Li

Item No	Ring & Cover	Dimensions A	Dimensions B	Dimensions Plug	Pkg	Min Qty	Case Qty	List Price
ROUND PATTERN RING & COVER								
852-2LNR	Ni-brnz	2" MIP	4½"	1½"	B*	1	10	42.50 EA
852-3LNR	Ni-brnz	3" MIP	5½"	2½"	B*	1	10	52.50 EA
852-4LNR	Ni-brnz	4" MIP	6½"	3½"	B*	1	10	72.50 EA
852-4LNRPK	Ni-brnz	4" MIP	6½"	3½"	C*	5	5	73.75 EA
852-3LSR	304 SS	3" MIP	5½"	2½"	B*	1	10	52.50 EA
852-4LSR	304 SS	4" MIP	6½"	3½"	B*	1	10	72.50 EA
852-3Li	Iron	3" MIP	6⅛"	2½"	B*	1	2	37.50 EA
852-4Li	Iron	4" MIP	6⅝"	3½"	B*	1	2	42.50 EA
852-3LTR	Tenz	3" MIP	5½"	2½"	B*	1	10	35.00 EA
852-4LTR	Tenz	4" MIP	6½"	3½"	B*	1	10	48.50 EA
852-3LP	ABS	3" MIP	5½"	2½"	B*	1	10	22.50 EA
852-4LP	ABS	4" MIP	6½"	3½"	B*	1	10	22.50 EA
SQUARE PATTERN RING & COVER								
852-3LNQ	Ni-brnz	3" MIP	5⅝"	2½"	B*	1	5	77.50 EA
852-4LNQ	Ni-brnz	4" MIP	7"	3½"	B*	1	1	92.50 EA
852-3LSQ	304 SS	3" MIP	5⅝"	2½"	B*	1	5	77.50 EA
852-4LSQ	304 SS	4" MIP	7"	3½"	B*	1	1	92.50 EA



Adjustable Cleanout Cast Iron MIP Thread

Nickel Bronze or Cast Iron Ring and Cover

- Nickel bronze covers for use in pedestrian areas
- Cast iron covers for use in heavy-duty applications
- Slotted polypro cleanout plug included



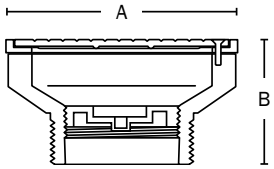
852-4iLNR

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00

[1] Not available on cast iron covers.

Item No	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
ROUND NICKEL BRONZE RING AND COVER						
852-4iLNR	6½"	2⅜"	B*	1	2	92.50 EA
SQUARE NICKEL BRONZE RING AND COVER						
852-4iLNQ	7"	2⅜"	B*	1	2	112.50 EA
CAST IRON RING AND COVER						
852-4iLi	6⅝"	3⅛"	B*	1	2	62.50 EA





822-C3DSR



822-CF3DNQ

NEW Halo™ Cleanout

Adjustable Cleanout with Deck Flange
Ductile Iron No-Hub Connection

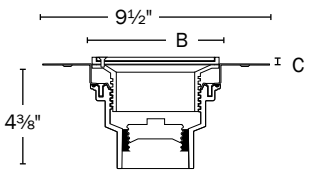
- 3" no-hub connection
- Head adjusts up to ¾" above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Stainless steel deck flange and T-cone style cleanout plug
- Installs easily in cored concrete floors or corrugated decks



832-S3



822-EX3



Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
S	Stamping: specify letters	$5.00
C	Carpet marker	$12.00
Z	Complies with Buy American Act [1]	$47.50

[1] Only available for round nickel bronze ring and strainer.

Item No	Ring & Strainer	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
		HALO CLEANOUT						
822-C3DNR	Round nickel bronze	3"	5½"	0"–¾"	B*	1	4	100.00 EA
822-C3DSR	Round 304 stainless	3"	5½"	0"–¾"	B*	1	4	100.00 EA
822-C3DNQ	Square nickel bronze	3"	5⅞"	5/16"–¾"	B*	1	4	125.00 EA
822-C3DSQ	Square 304 stainless	3"	5⅞"	5/16"–¾"	B*	1	4	125.00 EA
		FINISH LINE HALO ROUGH-IN CLEANOUT						
822-C3DF	(Coring plug)	3"	8¼"	1"	B*	1	1	58.75 EA
		FINISH LINE HALO FINISH FIXTURE						
834-3DHNR	Round nickel bronze	—	5½"	—	B*	1	1	58.75 EA
834-3DHSR	Round 304 stainless	—	5½"	—	B*	1	1	58.75 EA
834-3DHNQ	Square nickel bronze	—	5⅞"	—	B*	1	1	83.75 EA
834-3DHSQ	Square 304 stainless	—	5⅞"	—	B*	1	1	83.75 EA
		FINISH LINE HALO COMPLETE ASSEMBLY						
822-CF3DNR	Round nickel bronze	3"	5½"	1"–2"	B*	1	1	117.50 EA
822-CF3DSR	Round 304 stainless	3"	5½"	1"–2"	B*	1	1	117.50 EA
822-CF3DNQ	Square nickel bronze	3"	5⅞"	1 5/16"–2"	B*	1	1	142.50 EA
822-CF3DSQ	Square 304 stainless	3"	5⅞"	1 5/16"–2"	B*	1	1	142.50 EA
		ACCESSORIES						
832-S3	Shim kit for Finish Line Halo: two shims, two ¾" screws				B*	1	10	5.00 EA
822-EX3	Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve				B*	1	1	22.50 EA
832-W	Flexible red locating bristles with screw				B	1	10	5.00 EA

NEW Halo™ Cleanout

Adjustable Cleanout with Deck Flange Sch. 40 Connection

- 3" hub or inside 4" connections available
- Head adjusts up to ¾" above flush to accommodate most flooring types
- Finish Line™ models are adjustable AFTER the pour
- Stainless steel deck flange and T-cone style cleanout plug
- Installs easily in cored concrete floors or corrugated decks



822-C3PNQ



822-CF3PSR

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
S	Stamping: specify letters	$5.00
C	Carpet marker	$12.00
Z	Complies with Buy American Act [1]	$47.50

[1] Only available for round nickel bronze ring and strainer.

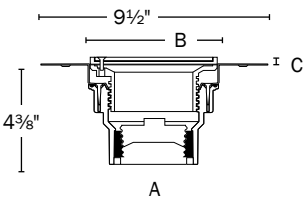
PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
HALO CLEANOUT									
822-C3PNR	822-C3ANR	Round nickel bronze	3" hub	5½"	0"–¾"	B*	1	1	70.00 EA
822-C3PSR	822-C3ASR	Round 304 stainless	3" hub	5½"	0"–¾"	B*	1	4	70.00 EA
822-C3PNQ	822-C3ANQ	Square nickel bronze	3" hub	5⅞"	5⁄16"–¾"	B*	1	1	95.00 EA
822-C3PSQ	822-C3ASQ	Square 304 stainless	3" hub	5⅞"	5⁄16"–¾"	B*	1	4	95.00 EA
822-C4PNR	822-C4ANR	Round nickel bronze	inside 4"	5½"	0"–¾"	B*	1	1	87.50 EA
822-C4PSR	822-C4ASR	Round 304 stainless	inside 4"	5½"	0"–¾"	B*	1	4	87.50 EA
822-C4PNQ	822-C4ANQ	Square nickel bronze	inside 4"	5⅞"	5⁄16"–¾"	B*	1	4	112.50 EA
822-C4PSQ	822-C4ASQ	Square 304 stainless	inside 4"	5⅞"	5⁄16"–¾"	B*	1	4	112.50 EA
FINISH LINE HALO ROUGH-IN CLEANOUT									
822-C3PF	822-C3AF	(Coring plug)	3" hub	8¼"	1"	B*	1	4	43.00 EA
822-C4PF	822-C4AF	(Coring plug)	inside 4"	8¼"	1"	B*	1	4	50.50 EA
FINISH LINE HALO FINISH FIXTURE									
834-3HNR		Round nickel bronze	—	5½"	—	B*	1	1	47.00 EA
834-3HSR		Round 304 stainless	—	5½"	—	B*	1	1	47.00 EA
834-3HNQ		Square nickel bronze	—	5⅞"	—	B*	1	1	72.00 EA
834-3HSQ		Square 304 stainless	—	5⅞"	—	B*	1	1	72.00 EA
FINISH LINE HALO COMPLETE ASSEMBLY									
822-CF3PNR	822-CF3ANR	Round nickel bronze	3" hub	5½"	1"–2"	B*	1	1	90.00 EA
822-CF3PSR	822-CF3ASR	Round 304 stainless	3" hub	5½"	1"–2"	B*	1	1	90.00 EA
822-CF3PNQ	822-CF3ANQ	Square nickel bronze	3" hub	5⅞"	1 5⁄16"–2"	B*	1	1	115.00 EA
822-CF3PSQ	822-CF3ASQ	Square 304 stainless	3" hub	5⅞"	1 5⁄16"–2"	B*	1	1	115.00 EA
822-CF4PNR	822-CF4ANR	Round nickel bronze	inside 4"	5½"	1"–2"	B*	1	1	97.50 EA
822-CF4PSR	822-CF4ASR	Round 304 stainless	inside 4"	5½"	1"–2"	B*	1	1	97.50 EA
822-CF4PNQ	822-CF4ANQ	Square nickel bronze	inside 4"	5⅞"	1 5⁄16"–2"	B*	1	1	122.50 EA
822-CF4PSQ	822-CF4ASQ	Square 304 stainless	inside 4"	5⅞"	1 5⁄16"–2"	B*	1	1	122.50 EA
ACCESSORIES									
832-S3	—	Shim kit for Finish Line Halo: two shims, two ¾" screws				B*	1	10	5.00 EA
822-EX3	—	Ductile iron extension nipple fits under Halo head or Finish Line coring sleeve				B*	1	1	22.50 EA
832-W	—	Flexible red locating bristles with screw				B	1	10	5.00 EA



832-S3



822-EX3





851-44N



851-44i

Adjustable Cleanout
Solvent Weld Connection

Nickel Bronze, Cast Iron or Tenzalloy Cover

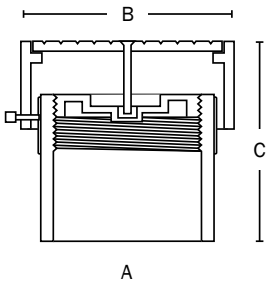
- Polypro plug included with threaded brass insert for cover screw
- Over 1½" of vertical adjustment available
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas
- Cast iron covers for use in heavy-duty applications, also available with nickel bronze veneer

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00
C	Carpet marker [1]	$12.00

[1] Not available on cast iron covers.

PVC Item No	ABS Item No	Dimensions A	B	C	Plug	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE COVER									
851-43N	851-33N	3"	4⅜"	3½"–4½"	3"	B*	1	2	95.00 EA
851-44N	851-34N	4"	6"	3¾"–4¾"	4"	B*	1	2	120.00 EA
851-46N	851-36N	6"	8⅜"	5½"–6¾"	6"	B*	1	2	222.50 EA
TENZALLOY COVER									
851-43T	851-33T	3"	4⅜"	3½"–4½"	3"	B*	1	2	65.00 EA
851-44T	851-34T	4"	6"	3¾"–4¾"	4"	B*	1	2	70.00 EA
851-46T	851-36T	6"	8⅜"	5½"–6¾"	6"	B*	1	2	120.00 EA
CAST IRON COVER									
851-44i	851-34i	4"	6"	4½"–6¼"	4"	B*	1	2	57.50 EA
851-46i	851-36i	6"	8½"	6"–7¾"	6"	B*	1	2	117.50 EA
NICKEL BRONZE LAMINATED CAST IRON COVER									
851-44iN	851-34iN	4"	6"	4¾"–6½"	4"	B*	1	2	145.00 EA
851-46iN	851-36iN	6"	8½"	6¼"–8"	6"	B*	1	2	245.00 EA



A
Sch. 40 hub

Adjustable Cleanout
Cast Iron No-Hub Connection

Nickel bronze, Cast Iron or Tenzalloy Cover

- Polypro plug included with threaded brass insert for cover screw
- Over 1½" of vertical adjustment available
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas
- Cast iron covers for use in heavy-duty applications and also available with nickel bronze veneer



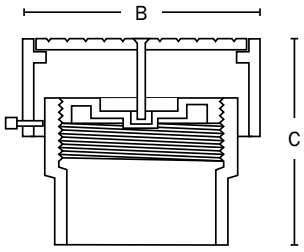
851-24i

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00
C	Carpet marker [1]	$12.00

[1] Not available on cast iron covers.

Item No	Dimensions A	B	C	Plug	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE COVER								
851-24N	4"	6"	3¼"–4½"	4"	B*	1	2	147.50 EA
TENZALLOY COVER								
851-24T	4"	6"	3¼"–4½"	4"	B*	1	2	85.00 EA
CAST IRON COVER								
851-24i	4"	6"	3¾"–5¾"	4"	B*	1	2	67.50 EA
NICKEL BRONZE LAMINATED CAST IRON COVER								
851-24iN	4"	7⅛"	4"–6"	4"	B*	1	2	160.00 EA



A
no-hub

Adjustable Cleanout
Cast Iron Push-Joint Connection

Nickel Bronze, Cast Iron or Tenzalloy Cover

- Polypro plug included with threaded brass insert for cover screw
- Over 1½" of vertical adjustment available
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas. Cast iron covers for use in heavy-duty applications. Also available with nickel bronze veneer



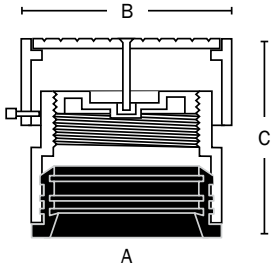
851-64N

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00
C	Carpet marker [1]	$12.00
NEW **P**	Push-joint gasket to fit Sch. 40 ABS/PVC pipe [2]	$3.00

[1] Not available on cast iron covers.
[2] Only available for 4" cleanouts.

Item No	Dimensions A	B	C	Plug	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE COVER								
851-64N	4"	6"	4"–5¼"	4"	B*	1	2	147.50 EA
851-66N	6"	8⅜"	4¾"–6"	6"	B*	1	2	375.00 EA
TENZALLOY COVER								
851-64T	4"	6"	4"–5¼"	4"	B*	1	2	85.00 EA
851-66T	6"	8⅜"	4¾"–6"	6"	B*	1	2	275.00 EA
CAST IRON COVER								
851-64i	4"	6"	5¼"- 6½"	4"	B*	1	2	67.50 EA
851-66i	6"	8⅜"	4¾"–6"	6"	B*	1	2	265.00 EA



A
push-joint



850-4N



850-4i



850-234N

Adjustable Access Cover Set Screw Connection

Nickel Bronze, Cast Iron or Tenzalloy Cover

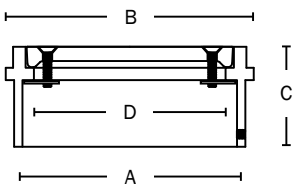
- Set screw allows up to 1½" of vertical adjustment over pipe or fitting
- 850-234N model fits over 2", 3" or 4" pipe and 2" or 3" FIP adapters
- Nickel bronze and tenzalloy covers for use in pedestrian traffic areas
- Cast iron covers for use in heavy-duty applications and also available with nickel bronze veneer

Options: Add letter suffix. Add price to list.

V	Vandal-resistant screws	$5.00
S	Stamping: specify letters [1]	$5.00

[1] Not available on cast iron covers.

Item No	Dimensions				Pkg	Min Qty	Case Qty	List Price
	A	B	C	D				
NICKEL BRONZE COVER								
850-2N	5½"	6½"	2⅜"	5¼"	B*	1	6	135.00 EA
850-3N	6⅝"	7⅛"	2¾"	5¾"	B*	1	6	200.00 EA
850-4N	8⅝"	9⅛"	2¾"	7¼"	B*	1	6	265.00 EA
850-234N	5½"	5½"	2 13/16"	4"	B*	1	10	65.00 EA
TENZALLOY COVER								
850-2T	5⅜"	6½"	2⅜"	5 5/16"	B*	1	6	55.00 EA
850-3T	6⅝"	7⅛"	2¾"	5 9/16"	B*	1	6	70.00 EA
850-4T	8⅝"	9⅛"	2¾"	7¼"	B*	1	6	105.00 EA
CAST IRON COVER								
850-2i	5½"	6"	3"	4½"	B*	1	6	45.00 EA
850-3i	6⅝"	7⅛"	3"	5⅝"	B*	1	4	52.50 EA
850-4i	8"	8½"	3"	7⅛"	B*	1	2	70.75 EA
NICKEL BRONZE LAMINATED CAST IRON COVER								
850-2iN	5½"	6"	3¼"	4½"	B*	1	6	155.00 EA
850-3iN	6⅝"	7⅛"	3¼"	5⅝"	B*	1	4	235.00 EA
850-4iN	8"	8½"	3¼"	7⅛"	B*	1	2	315.00 EA



Cleanout Cover

- Flat and raised ABS models in chrome-plated, white or ivory finishes
- Stainless steel models in standard 20 gauge or stronger 16 gauge

Options: Add letter suffix. Add price to list.
S Stamping: specify letters [1] $5.00

[1] Not available on ABS covers.

Item No	Diameter	Height	Material	Pkg	Min Qty	Case Qty	List Price
			FLAT CLEANOUT COVER				
871-4	4½"	—	White ABS	B*	25	25	2.55 EA
871-6	6½"	—	White ABS	B*	25	25	4.65 EA
871-8	8½"	—	White ABS	B*	1	10	7.32 EA
872-4	4½"	—	Chrome-plated ABS	B*	25	25	7.50 EA
872-6	7¼"	—	Chrome-plated ABS	B*	25	25	10.75 EA
872-8	8½"	—	Chrome-plated ABS	B*	1	10	14.25 EA
870-93	3"	—	16 gauge stainless steel	B*	1	10	3.80 EA
870-94	4"	—	16 gauge stainless steel	B*	1	10	6.30 EA
870-95	5"	—	16 gauge stainless steel	B*	1	10	8.30 EA
870-96	6"	—	16 gauge stainless steel	B*	1	10	10.25 EA
870-98	8"	—	16 gauge stainless steel	B*	1	10	14.00 EA
870-3	3"	—	20 gauge stainless steel	B*	25	25	3.55 EA
870-4	4"	—	20 gauge stainless steel	B*	25	25	4.50 EA
870-5	5"	—	20 gauge stainless steel	B*	25	25	6.55 EA
870-6	6"	—	20 gauge stainless steel	B*	25	25	6.80 EA
870-8	8"	—	20 gauge stainless steel	B*	10	10	8.60 EA
870-810	10"	—	20 gauge stainless steel	B*	5	5	15.35 EA
870-812	12"	—	20 gauge stainless steel	B*	5	5	21.50 EA
			RAISED CLEANOUT COVER				
871-16	7¼"	1¼"	White ABS	B*	25	25	11.75 EA
871-18	9¼"	1¼"	Ivory ABS	B*	1	10	16.00 EA
872-16	7¼"	1¼"	Chrome-plated ABS	B*	25	25	15.50 EA
872-18	9¼"	1¼"	Chrome-plated ABS	B*	1	10	20.75 EA



870-96



871-16

Cleanout Cover Accessories

¼" × 20 Threaded Wall Bar
Carpet Marker for Cleanouts
¼" × 20 Cleanout Cover Screw

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	THREADED WALL BAR				
870-B	¼" × 20 threaded wall bar, 9" length	B	25	100	2.75 EA
	CARPET MARKER				
870-2CM	Stainless steel carpet marker with 1½" screw	B*	25	25	3.00 EA
	CLEANOUT COVER SCREW				
874-1	¼" × 20 stainless steel screw, 1½" length	B	25	1000	0.75 EA
874-2	¼" × 20 stainless steel screw, 2¼" length	B	25	1000	1.15 EA
874-4	¼" × 20 stainless steel screw, 4" length	B	25	500	2.25 EA
874-6	¼" × 20 stainless steel screw, 6" length	B	25	1000	4.50 EA
874-1C	¼" × 20 chrome-plated screw, 1½" length	B	25	1000	1.40 EA
874-3C	¼" × 20 chrome-plated screw, 3" length	B	25	500	1.35 EA
874-4C	¼" × 20 chrome-plated screw, 4½" length	B	25	500	1.85 EA
874-6C	¼" × 20 chrome-plated screw, 6" length	B	25	100	2.35 EA
874-1W	¼" × 20 white epoxy-coated screw, 1½" length	B	25	100	2.20 EA
874-3W	¼" × 20 white epoxy-coated screw, 3" length	B	25	1000	3.10 EA
874-4W	¼" × 20 white epoxy-coated screw, 4½" length	B	25	100	3.85 EA
874-6W	¼" × 20 white epoxy-coated screw, 6" length	B	25	100	5.00 EA



870-B



874-6



870-2CM



870-B3



873-240

Cleanout Cover Kit

20 Gauge Stainless Steel

- Available with 9" wall bar, slotted polypro or countersunk brass plug

Options: Add letter suffix. Add price to list.
V Vandal-resistant screws [1] $5.00

[1] Available for 873 Series only

Item No	Cover Diameter	Screw Length	Plug Size	Pkg	Min Qty	Case Qty	List Price
COVER, SCREW AND COUNTERSUNK BRASS PLUG							
873-240	4"	2½"	2" IPS	B*	1	10	12.85 EA
873-350	5"	2½"	3" IPS	B*	1	10	18.85 EA
873-460	6"	2½"	4" IPS	B*	1	10	24.15 EA
COVER, SCREW AND SLOTTED POLYPRO PLUG							
873-240P	4"	2½"	2" IPS	B*	1	10	9.85 EA
873-350P	5"	2½"	3" IPS	B*	1	10	13.35 EA
873-460P	6"	2½"	4" IPS	B*	1	10	16.40 EA
COVER, SCREW AND 9" BAR							
870-B3	3"	6"	–	B*	1	10	8.25 EA
870-B4	4"	6"	–	B*	1	10	8.75 EA
870-B5	5"	6"	–	B*	1	10	12.25 EA
870-B6	6"	6"	–	B*	1	10	13.75 EA
870-B6PK1	6"	6"	–	B*	10	10	19.00 EA
870-B8	8"	6"	–	B*	1	10	16.75 EA
COVER AND SCREW							
870-3PK1	3"	4"	–	C*	10	10	6.35 EA
870-4PK1	4"	4"	–	C*	10	10	7.30 EA
870-6PK1	6"	4"	–	C*	10	10	9.60 EA



875-4P



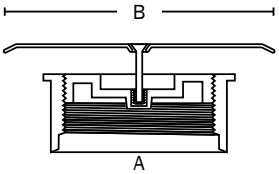
875-8230P

Cleanout Bushing

- Bushing fits inside Sch. 40 pipe
- Cleanout bushing kits include:
  - Bushing
  - 16 gauge stainless steel cleanout cover
  - ¾" stainless steel screw

Slotted polypro plugs have threaded brass inserts





Sch. 40 inside fit

White ABS Item No	Black ABS Item No	Plug Size	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
CLEANOUT BUSHING								
875-2P	875-2A	1½"	2"	–	B*	20	20	5.00 EA
875-3P	875-3A	2½"	3"	–	B*	20	20	6.00 EA
875-4P	875-4A	3½"	4"	–	B*	20	20	7.25 EA
CLEANOUT BUSHING KIT								
875-8230P	–	1½"	2"	3"	B*	1	10	10.75 EA
875-8340P	–	2½"	3"	4"	B*	1	10	13.75 EA
875-8450P	–	3½"	4"	5"	B*	1	10	15.10 EA

Slotted Polypro Flush Plug

- With or without threaded brass insert
- Combine with FIP adapters to make your own cleanouts
- Plugs are durable, glass-filled polypropylene:
  - Will not seize or weld in ABS or PVC fittings
  - Acid resistant and chemically inert
  - More durable than traditional ABS or PVC plugs

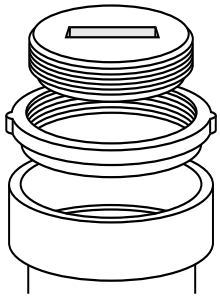


878-40



Available with threaded brass insert for cleanout covers.

White Polypro Item No	Black Polypro Item No	Plug Size	Pkg	Min Qty	Case Qty	List Price
PLUGS WITH THREADED BRASS INSERT						
878-15	879-15	1½"	B	25	25	1.71 EA
878-20	879-20	2"	B	25	25	1.71 EA
878-25	879-25	2½"	B	25	25	2.26 EA
878-30	879-30	3"	B	25	25	2.61 EA
878-35	879-35	3½"	B	25	25	3.12 EA
878-40	879-40	4"	B	25	25	3.63 EA
878-50	879-50	5"	B	20	20	9.60 EA
878-60	879-60	6"	B	8	8	10.90 EA
878-15PK	879-15PK	1½"	C*	25	25	1.86 EA
878-20PK	879-20PK	2"	C*	25	25	1.86 EA
878-25PK	879-25PK	2½"	C*	25	25	2.41 EA
878-30PK	879-30PK	3"	C*	25	25	2.76 EA
878-35PK	879-35PK	3½"	C*	25	25	3.27 EA
878-40PK	879-40PK	4"	C*	25	25	3.78 EA
PLUGS WITHOUT THREADED BRASS INSERT						
878-015	879-015	1½"	B	25	25	1.05 EA
878-020	879-020	2"	B	25	25	1.15 EA
878-025	879-025	2½"	B	25	25	1.40 EA
878-030	879-030	3"	B	25	25	1.58 EA
878-035	879-035	3½"	B	25	25	1.95 EA
878-040	879-040	4"	B	25	25	2.26 EA
878-015PK	879-015PK	1½"	C*	25	25	1.20 EA
878-020PK	879-020PK	2"	C*	25	25	1.30 EA
878-025PK	879-025PK	2½"	C*	25	25	1.55 EA
878-030PK	879-030PK	3"	C*	25	25	1.73 EA
878-035PK	879-035PK	3½"	C*	25	25	2.10 EA
878-040PK	879-040PK	4"	C*	25	25	2.41 EA



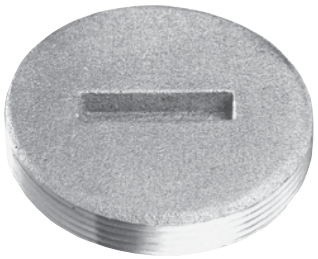
flush pipe plug

842-9 series fitting socket ring

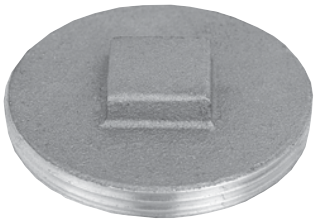
Sch. 40 hub

2" – 4" plugs can be used with our 842-9 series fitting socket rings for an inexpensive threaded access hole cover.

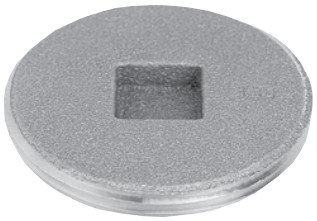
Brass Flush Plug



877-930



876-30



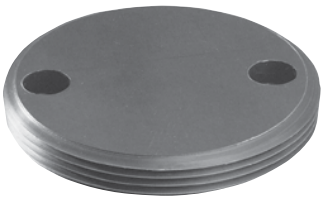
877-30

Options: Add letter suffix. Add price to list.
D Drilled & Tapped ¼" × 20 $12.00

Item No	Plug Size	Pkg	Min Qty	Case Qty	List Price
	SLOTTED STYLE				
877-915	1½"	B	1	20	17.40 EA
877-920	2"	B	1	20	20.15 EA
877-930	3"	B	1	20	25.15 EA
877-935	3½"	B	1	20	42.25 EA
877-940	4"	B	1	10	48.25 EA
877-950	5"	B	1	10	67.50 EA
877-960	6"	B	1	4	97.50 EA
	RAISED SQUARE HEAD				
876-15	1½"	B	20	20	3.52 EA
876-20	2"	B	20	20	4.07 EA
876-25	2½"	B	20	20	5.12 EA
876-30	3"	B	20	20	7.37 EA
876-35	3½"	B	20	20	9.77 EA
876-40	4"	B	20	20	10.55 EA
876-50	5"	B	1	10	18.60 EA
876-60	6"	B	1	4	28.60 EA
876-10PK	1¼"	C*	10	10	3.27 EA
876-15PK	1½"	C*	10	10	3.67 EA
876-20PK	2"	C*	10	10	4.22 EA
876-25PK	2½"	C*	10	10	5.27 EA
876-30PK	3"	C*	10	10	7.52 EA
876-35PK	3½"	C*	10	10	9.92 EA
876-40PK	4"	C*	10	10	10.70 EA
NEW 876-60PK	6"	C*	10	10	28.75 EA
	COUNTERSUNK SQUARE HEAD				
877-20	2"	B	1	20	4.07 EA
877-25	2½"	B	1	20	5.12 EA
877-30	3"	B	1	20	7.37 EA
877-35	3½"	B	1	20	9.77 EA
877-40	4"	B	1	20	10.55 EA
877-60	6"	B	1	20	28.60 EA
877-20PK	2"	C*	10	10	4.22 EA
877-30PK	3"	C*	10	10	7.52 EA
877-35PK	3½"	C*	10	10	9.92 EA
877-40PK	4"	C*	10	10	10.70 EA

PVC Flush Plug—Spanner

• Solid PVC material — machined threads



878-940

Options: Add letter suffix. Add price to list.
D Drilled & Tapped ¼" × 20 $12.00

Item No	Plug Size	Pkg	Min Qty	Case Qty	List Price
878-915	1½"	B	10	20	13.50 EA
878-920	2"	B	10	10	13.50 EA
878-925	2½"	B	10	20	11.75 EA
878-930	3"	B	10	10	10.75 EA
878-935	3½"	B	10	20	13.00 EA
878-940	4"	B	10	10	14.50 EA
878-950	5"	B	10	10	15.75 EA
878-960	6"	B	10	10	22.00 EA
878-980	8"	B	10	10	36.50 EA

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

COMMERCIAL ACCESSORIES

COMMERCIAL DRAIN ADAPTERS

REPLACEMENT STRAINERS

REPLACEMENT COVERS

MISCELLANEOUS

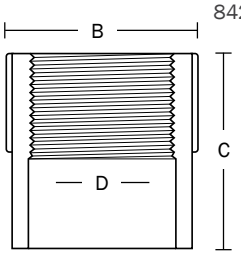
Standard Adapter

FIP Thread × Sch. 40 Hub Connection

- Combine these adapters with any of our 842-_L_ drains or 852-_L_ cleanout tops



842-72P



Sch. 40 hub

PVC Item No	ABS Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
NEW 842-712P	842-712A	1½" × 2	2⅝"	2⅜"	2" FIP	B	10	10	2.50 EA
842-72P	842-72A	2"	2¾"	2½"	2" FIP	B*	5	5	2.65 EA
842-73P	842-73A	3"	4"	3⅜"	3" FIP	B*	5	5	5.65 EA
842-74P	842-74A	4"	5"	3⅜"	4" FIP	B*	10	10	8.25 EA
842-76P	842-76A	6"	6½"	5⅛"	6" FIP	B*	8	8	22.00 EA

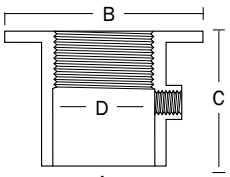
Trap Primer Adapter

FIP Thread × Sch. 40 Hub Connection

- ½" FIP tapped/plugged trap primer port
- Combine these adapters with any of our 842-_L_ drains or 852-_L_ cleanout tops



842-82PT



Sch. 40 hub

PVC Item No	ABS Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
842-82PT	842-82AT	2"	4 11/16"	3⅜"	2" FIP	B*	1	10	9.00 EA
842-83PT	842-83AT	3"	6"	4"	3" FIP	B*	1	10	12.00 EA
842-84PT	842-84AT	4"	7"	4¼"	4" FIP	B*	1	10	13.50 EA

Fitting Socket Adapter

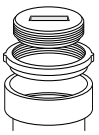
FIP Thread × Sch. 40 Spigot Connection

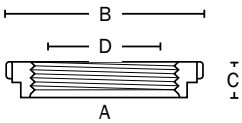
- Fits into Sch. 40 hub



842-92P

Use a poly flush plug with the 842-9 Series fitting socket rings for an inexpensive cleanout or threaded access cover.





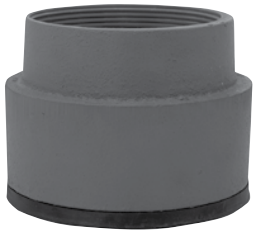
Sch. 40 spigot

PVC Item No	ABS Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
842-92P	842-92A	2"	2¾"	½"	2" FIP	B	10	20	4.50 EA
842-93P	842-93A	3"	4 1/16"	⅝"	3" FIP	B	10	20	5.50 EA
842-94P	842-94A	4"	5 1/16"	⅝"	4" FIP	B	10	20	6.00 EA

Push-Joint Adapter

FIP Thread × Push-Joint Connection

- Cast iron with neoprene push-joint gasket
- Combine these adapters with any of our 842-_L_ drains or 852-_L_ cleanout tops



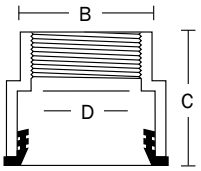
858-64L

Options: Add letter suffix. Add price to list.

NEW **P** Push-joint gasket to fit Sch. 40 ABS/PVC pipe [1] $3.00

[1] Only available for 4" cleanouts.

Item No	Dimensions				Pkg	Min Qty	Case Qty	List Price
	A	B	C	D				
858-63L	3"	3 13/16"	4⅛"	3" FIP	B*	1	4	37.00 EA
858-64L	4"	4⅜"	4⅛"	4" FIP	B*	1	4	37.75 EA



No-Hub Adapter

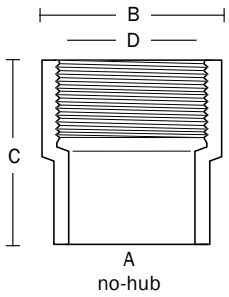
FIP Thread × No-Hub Connection

- Cast iron
- Combine these adapters with any of our 842-_L_ drains or 852-_L_ cleanout tops



842-22i

Item No	Dimensions				Pkg	Min Qty	Case Qty	List Price
	A	B	C	D				
842-22i	2"	2¾"	3¼"	2" FIP	B*	2	2	9.25 EA
842-23i	3"	4"	3¼"	3" FIP	B*	2	2	15.00 EA
842-24i	4"	5"	3¼"	4" FIP	B*	2	2	21.00 EA



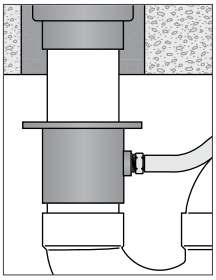
Trap Primer Adapter

Sch. 40 Hub with ½" FIP Port



695-3P

- Faster and more professional installation of trap primer supply
- Allows trap primer inlet to be positioned anywhere on the vertical waste line above the trap
- Universal ½" FIP thread trap primer supply connection
- Accommodates supply lines from any direction



Trap primer adapter solvent welds in the vertical waste line, typically just above the trap to be served. Adapter keeps the trap primer supply line out of the concrete when necessary.

ABS Item No	PVC Item No	Description	Pkg	Min Qty	Case Qty	List Price
695-2A	695-2P	2" Sch. 40 hub adapter with ½" FIP port	B	1	10	15.00 EA
695-3A	695-3P	3" Sch. 40 hub adapter with ½" FIP port	B	1	10	17.00 EA
695-4A	695-4P	4" Sch. 40 hub adapter with ½" FIP port	B	1	10	20.00 EA

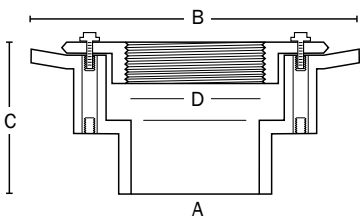
Flashing Drain Adapter

FIP Thread Collar × Flashing Drain Connection



863-HP44

Options: Add letter suffix. Add price to list.
T Tapped/plugged trap primer port for ABS/PVC $12.00
Note: All 863-HC series are factory tapped and plugged.



Sch. 40 hub or cast iron no-hub

PVC Item No	ABS Item No	Dimensions A	B	C	D	Pkg	Min Qty	Case Qty	List Price
ABS COLLAR – SCH. 40 CONNECTION									
863-HP23	863-HA23	2"	8½"	3¾"	3" FIP	B*	1	10	30.00 EA
863-HP33	863-HA33	3"	8½"	3¾"	3" FIP	B*	1	10	30.00 EA
863-HP34	863-HA34	3"	8½"	3¾"	4" FIP	B*	1	10	30.00 EA
863-HP43	863-HA43	4"	8½"	3¾"	3" FIP	B*	1	10	30.00 EA
863-HP44	863-HA44	4"	8½"	3¾"	4" FIP	B*	1	10	30.00 EA
DUCTILE IRON COLLAR – CAST IRON NO-HUB CONNECTION									
863-HC223	–	2"	8½"	3¾"	3" FIP	B*	1	1	42.50 EA
863-HC233	–	3"	8½"	3¾"	3" FIP	B*	1	1	42.50 EA
863-HC234	–	3"	8½"	3¾"	4" FIP	B*	1	1	42.50 EA
863-HC243	–	4"	8½"	3¾"	3" FIP	B*	1	1	42.50 EA
863-HC244	–	4"	8½"	3¾"	4" FIP	B*	1	1	42.50 EA

Replacement Strainers for Drains

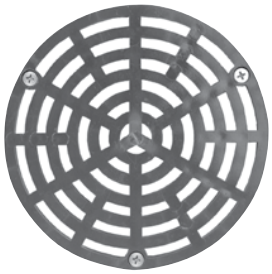
Fits: 822 Series, 832 Series, 833 Series, 842 Series, 843 Series, 844 Series, 863 Series



842-SCS4



842-SNQ4



842-SP4



842-SS4



842-Si4

Item No	Pattern	Diameter	Free Area (in^2)	Thickness	Screw Centers	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE STRAINER WITH SCREWS									
842-SN2	Round	4"	4.25	3/16"	3"	B*	1	10	18.50 EA
842-SNQ2	Square	4"	7.6	3/16"	3"	B*	1	10	28.50 EA
842-SN3	Round	5 1/8"	7.5	3/16"	3 7/8"	B*	1	10	22.50 EA
842-SNQ3	Square	5 3/8"	12.75	3/16"	3 7/8"	B*	1	10	37.50 EA
842-SN4	Round	6 1/8"	11.75	3/16"	4 7/8"	B*	1	20	25.00 EA
842-SNQ4	Square	6 5/8"	16.4	3/16"	4 7/8"	B*	1	1	50.00 EA
801-NR2		842-SN4 strainer with ring				B*	1	10	40.75 EA
801-NQ2		842-SNQ4 strainer with ring				B*	1	10	65.75 EA
CAST 304 STAINLESS STEEL STRAINER WITH SCREWS									
842-SCS2	Round	4"	4.25	3/16"	3"	B*	1	10	25.50 EA
842-SCSQ2	Square	4"	7.6	3/16"	3"	B*	1	10	35.50 EA
842-SCS3	Round	5 1/8"	7.5	3/16"	3 7/8"	B*	1	10	37.50 EA
842-SCSQ3	Square	5 3/8"	12.75	3/16"	3 7/8"	B*	1	10	52.50 EA
842-SCS4	Round	6 1/8"	11.75	3/16"	4 7/8"	B*	1	10	42.50 EA
842-SCSQ4	Square	6 1/2"	16.4	3/16"	4 7/8"	B*	1	10	67.50 EA
801-SR2		842-SCS4 strainer with ring				B*	1	10	40.75 EA
801-SQ2		842-SCSQ4 strainer with ring				B*	1	10	65.75 EA
DUCTILE IRON STRAINER WITH SCREWS									
842-SD4	Round	6 1/8"	13.25"	3/16"	4 7/8"	B*	1	1	9.75 EA
801-DR2		842-SD4 strainer with ring				B*	1	10	20.75 EA
CAST BRASS STRAINER WITH SCREWS									
842-SB2	Round	4"	4.25	3/16"	3"	B*	1	10	27.50 EA
842-SB3	Round	5 1/8"	7.5	3/16"	3 7/8"	B*	1	10	32.50 EA
842-SB4	Round	6 1/8"	11.75	3/16"	4 7/8"	B*	1	10	37.50 EA
GRAY PVC STRAINER WITH SCREWS									
842-SP2	Round	4"	4.18	3/8"	3"	B*	1	1	5.25 EA
842-SP3	Round	5 1/16"	5.15	3/8"	3 7/8"	B*	1	10	6.50 EA
842-SP4	Round	6 1/16"	8.74	3/8"	4 7/8"	B*	1	10	8.50 EA
STAMPED 430 STAINLESS STEEL STRAINER WITH SCREWS									
842-SS2	Round	4"	2.66	18 gauge	3"	B*	1	10	5.00 EA
842-SS3	Round	5 1/16"	5.09	18 gauge	3 7/8"	B*	1	10	6.00 EA
842-SS4	Round	6 1/16"	9.25	16 gauge	4 7/8"	B*	1	10	8.25 EA
CAST IRON STRAINER – LOOSE SET									
842-Si2	Round	4 1/2"	4.18	9/16"	–	B*	1	5	12.00 EA
842-Si3	Round	5 5/8"	6.81	5/8"	–	B*	1	10	15.00 EA
842-Si4	Round	6 3/16"	9.58	5/8"	–	B*	1	2	20.00 EA

Replacement Dome Strainers for Roof Drains

Fits: 867 Series, 868 Series



867-HD



867-MD



868-HD



868-MD



868-15CD



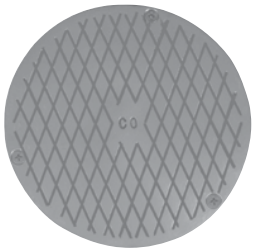
868-20CD

Item No	Material	Bottom Diameter	Pkg	Min Qty	Case Qty	List Price
DOME STRAINER FOR 867 SERIES						
867-HD	Polypropylene	7½"	B*	1	5	10.50 EA
867-MD	Cast iron	7½"	B*	1	5	35.00 EA
DOME STRAINER FOR 868-P & 868-i SERIES						
868-HD	Polyethylene	9¼"	B*	1	5	16.50 EA
868-MD	Cast aluminum	9¼"	B*	1	5	60.00 EA
DOME STRAINER FOR 868-15 SERIES						
868-15CD	Cast iron	12½"	B*	1	1	35.00 EA
DOME STRAINER FOR 868-20 SERIES						
868-20CD	Cast iron	18¼"	B*	1	1	87.50 EA

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

Replacement Covers for Cleanouts

Fits: 834 Series, 852 Series



852-CN4



852-Ci4

Item No	Diameter	Thickness	Screw Centers	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE COVER WITH SCREWS							
852-CN2	4"	3/16"	3"	B*	1	10	32.50 EA
852-CN3	5 1/8"	3/16"	3 7/8"	B*	1	10	35.00 EA
852-CN4	6 1/8"	3/16"	4 7/8"	B*	1	10	47.50 EA
TENZALLOY COVER WITH SCREWS							
852-CT3	5 1/8"	3/16"	3 7/8"	B*	1	2	20.00 EA
852-CT4	6 1/8"	3/16"	4 7/8"	B*	1	2	23.50 EA
PVC COVER WITH SCREWS							
852-CP3	5 1/8"	3/16"	3 7/8"	B*	1	2	10.00 EA
852-CP4	6 1/8"	3/16"	4 7/8"	B*	1	2	11.75 EA
CAST IRON COVER WITH SCREW							
852-Ci3	5 5/8"	5/8"	—	B*	1	1	17.50 EA
852-Ci4	6 3/16"	5/8"	—	B*	1	5	27.50 EA

Replacement Covers for Cleanouts

Fits: 851 Series



851-CN4

Options: Add letter suffix. Add price to list.

B Beveled edge for floor plate (not available on cast iron covers) $5.00



851-Ci6

Item No	Diameter	Thickness	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE COVER WITH SCREW						
851-CN3	5 1/8"	3/16"	B*	1	10	57.50 EA
851-CN4	6 1/8"	3/16"	B*	1	10	82.50 EA
851-CN6	7 3/4"	3/16"	B*	1	10	92.50 EA
851-CN8	8 3/8"	3/16"	B*	1	10	117.50 EA
TENZALLOY COVER WITH SCREW						
851-CT3	5 1/8"	3/16"	B*	1	10	27.50 EA
851-CT4	6 1/8"	3/16"	B*	1	10	35.00 EA
851-CT6	7 3/4"	3/16"	B*	1	10	42.50 EA
851-CT8	8 3/8"	3/16"	B*	1	10	55.00 EA
CAST IRON COVER WITH SCREW						
851-Ci3	4 1/8"	5/8"	B*	1	1	16.00 EA
851-Ci4	5 1/8"	5/8"	B*	1	1	17.50 EA
851-Ci6	6 1/8"	5/8"	B*	1	1	25.00 EA
851-Ci8	7 3/4"	5/8"	B*	1	1	30.00 EA

Replacement Covers for Cleanouts

Fits: 850 Series



850-CN3



850-Ci3

Item No	Diameter	Thickness	Screw Centers	Pkg	Min Qty	Case Qty	List Price
NICKEL BRONZE COVER WITH SCREWS							
850-CN2	6⅛"	3/16"	4⅜"	B*	1	1	52.50 EA
850-CN3	6⅜"	3/16"	5⅛"	B*	1	10	72.50 EA
850-CN4	8⅜"	3/16"	6¾"	B*	1	1	125.00 EA
TENZALLOY COVER WITH SCREWS							
850-CT2	6⅛"	3/16"	4⅜"	B*	1	10	22.50 EA
850-CT3	6⅜"	3/16"	5⅛"	B*	1	10	36.80 EA
850-CT4	8⅜"	3/16"	6¾"	B*	1	10	58.10 EA
CAST IRON COVER WITH SCREWS							
850-Ci2	5⅛"	⅝"	—	B*	1	1	17.25 EA
850-Ci3	6⅛"	⅝"	—	B*	1	1	27.50 EA
850-Ci4	7¾"	⅝"	—	B*	1	1	32.50 EA

Vandal-Resistant Screws & Bits

- Snake-eye pattern
- ¼" shank



850-VW1



850-VW4

	Item No	Span	Pkg	Min Qty	Case Qty	List Price
	10-24 SIZE					
	850-VW1	#10 span for most drain strainers and cleanout covers	B	10	10	15.00 EA
NEW	850-V105	Vandal-resistant screws 10-24 x ½" long, stainless, bag of 12	B*	1	25	12.75 BG
NEW	850-V106	Vandal-resistant screws 10-24 x ⅝" long, stainless, bag of 12	B*	1	25	12.75 BG
NEW	850-V109	Vandal-resistant screws 10-24 x 1" long, stainless, bag of 12	B*	1	25	12.75 BG
	¼"-20 SIZE					
	850-VW4	#14 span for 850 and 851 series covers	B	10	10	15.00 EA
NEW	850-V407	Vandal-resistant screws ¼-20 x ¾" long, stainless	B*	1	1	1.75 EA
NEW	850-V415	Vandal-resistant screws ¼-20 x 1½" long, stainless	B*	1	1	1.75 EA
NEW	850-V425	Vandal-resistant screws ¼-20 x 2½" long, stainless	B*	1	1	1.75 EA

RESIDENTIAL

SHOWER DRAINS
Double Duty™
Shower Pan Drains
StreamLine™
Shower Module Drains

FLOOR DRAINS
Weld One™
Quad Drain™
Inside Pipe Drains
General Purpose Drains
Replace-It™
Gripper™
Specialty Floor Drains

CLOSET FLANGES
TKO™
Push Tite™
Open Flanges
Offset Flanges
Specialty Flanges
Spacer/Repair Rings

BACKWATER VALVE
ProCheck™
Standard Backwater Valves
Backup Float Valves

AIR ADMITTANCE VALVES
TurboVent™
Accessories

RESIDENTIAL ACCESSORIES
Replacement Strainers
Smart Saddle™
Miscellaneous



Shower Pan Drain
with Double Duty™ Test Plug
p 366



Round-to-Square Strainer Adapter
p 368



Large Capacity Shower Pan Drain
p 369



StreamLine™
Linear Shower Drain
p 370



Shower Module Drain
p 371



JackRabbit™
Jacking Bolt Shower Drain
p 373



No-Caulk Shower Module Drain
p 373



Weld One™
Integral Trap Drain
p 376



Quad Drain™
General Purpose Floor Drain
p 377



Floor Drain
p 378



Replace-It™
Adjustable Drain Strainer
p 380



Gripper™
Stainless Steel Pipe Strainer
p 380



TKO™
Knockout Closet Flange
p 384



Push-Tite™
Gasketed Closet Flange
p 385



Full Flush™
Offset Closet Flange
p 386



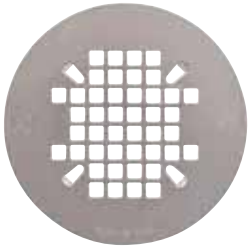
Raise-A-Ring™
Closet Flange Spacer Ring
p 389



ProCheck™
Backwater Valve
p 392



TurboVent™
Air Admittance Valve
p 396



Replacement Strainer
p 400



Smart Saddle™
DWV Saddle Tee
p 404

SHOWER DRAINS

DOUBLE DUTY™

SHOWER PAN DRAINS

STREAMLINE™

SHOWER MODULE DRAINS

Shower Pan Drain

with **Double Duty**™ Test Plug

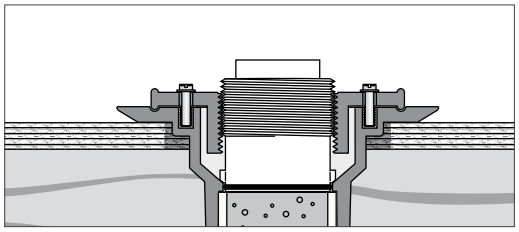


821-T200P

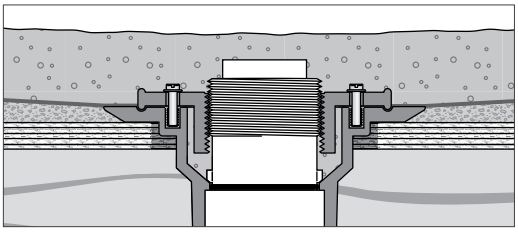
- Double Duty™ seals drain for DWV pressure test and shower pan water test
- Plug is easy to install and remove, eliminates reaching through the collar to remove test caps
- No blow-up balls, no glue-in wafers, no mechanical plugs

The new Round-to-Square Adapter easily converts 821 drains from round strainer to square.
See pg 366





After rough-in, install plug and perform DWV pressure test (plug will hold a 5 lb. air or water test). Plug can remain in place to prevent debris from clogging drain line.



After pan liner installation, re-install plug and perform pan liner test. Loosen plug to drain test water. Plug can remain in place until tile installation.



Align positioning lugs with the slot in the clamping collar threads and push plug into the collar.



Thread the plug into the collar hand-tight. Lugs ensure the o-ring is in the correct position to seal.

PVC Item No	ABS Item No	Description	Brass Inserts in Head	Pkg	Min Qty	Case Qty	List Price
		DOUBLE DUTY PRESSURE & PAN TEST PLUG					
821-TP		Test plug for 821 series drains		B*	10	10	2.50 EA
		SCREW-ON STAINLESS STEEL STRAINER—PLASTIC STRAINER RIM					
821-T200P	821-T200A	Plug & drain with screw-on strainer	✓	B*	10	10	10.25 EA
821-T2P	821-T2A	Plug & drain with screw-on strainer		B*	10	10	9.75 EA
		SCREW-ON STAINLESS STEEL STRAINER—NO STRAINER RIM					
821-T2080P	821-T2080A	Plug & drain with screw-on strainer	✓	B*	20	20	11.25 EA
821-T280P	821-T280A	Plug & drain with screw-on strainer		B*	10	10	10.75 EA
		SNAP-IN STAINLESS STEEL STRAINER—PLASTIC STRAINER RIM					
821-T270P	821-T270A	Plug & drain with snap-in strainer		B*	10	10	9.75 EA
		SNAP-IN STAINLESS STEEL STRAINER—NO STRAINER RIM					
821-T2780P	821-T2780A	Plug & drain with snap-in strainer		B*	10	10	10.75 EA
		CAST NICKEL BRONZE RING & STRAINER					
821-T200PNR	821-T200ANR	Plug & drain with round ring & strainer	✓	B*	5	5	37.50 EA
821-T200PNQ	821-T200ANQ	Plug & drain with square ring & strainer	✓	B*	5	5	47.50 EA
		CAST 304 STAINLESS STEEL RING & STRAINER					
821-T200PSR	821-T200ASR	Plug & drain with round ring & strainer	✓	B*	5	5	37.50 EA
821-T200PSQ	821-T200ASQ	Plug & drain with square ring & strainer	✓	B*	1	5	47.50 EA
		POLISHED 304 STAINLESS STEEL RING & STRAINER					
NEW 821-T200PCR	821-T200ACR	Plug & drain with round ring & strainer	✓	B*	5	5	47.50 EA
NEW 821-T200PCQ	821-T200ACQ	Plug & drain with square ring & strainer	✓	B*	1	5	57.50 EA
		CAST OIL-RUBBED BRONZE RING & STRAINER					
821-T200PRBR	821-T200ARBR	Plug & drain with round ring & strainer	✓	B*	1	5	67.50 EA
821-T200PRBQ	821-T200ARBQ	Plug & drain with square ring & strainer	✓	B*	1	5	77.50 EA
		CHROME-PLATED HEAD & STRAINER					
821-T2PCP	821-T2ACP	Plug & drain with round head & strainer		B*	5	5	35.00 EA
821-T2PQCP	821-T2AQCP	Plug & drain with square head & strainer		B*	5	5	40.00 EA
		OIL-RUBBED BRONZE HEAD & STRAINER					
821-T2PRB	821-T2ARB	Plug & drain with round head & strainer		B*	5	5	55.00 EA
821-T2PQRB	821-T2AQRB	Plug & drain with square head & strainer		B*	5	5	60.00 EA

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

Shower Pan Drain

Screw-on Stainless Steel Strainer

- Available with brass inserts in head adapter for machine screws or pilot holes for standard screws
- Models available with either a (gray) plastic rim around strainer, or no strainer rim
- 430 stainless steel strainer
- Beveled drain body and mounting holes for easy subfloor installation



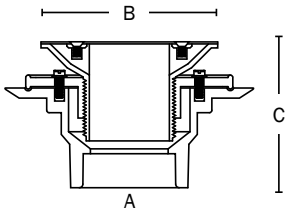
821-200P



The new Round-to-Square Adapter easily converts 821 drains from round strainer to square.
See pg 366

PVC Item No	ABS Item No	Dimensions A	B	C	Brass Inserts in Head	Pkg	Min Qty	Case Qty	List Price
PLASTIC STRAINER RIM									
821-200P	821-200A	2"	4⅜"	3⅝"–5⅝"	✓	B*	20	20	10.25 EA
821-200PPK[1]	821-200APK[1]	2"	4⅜"	3⅝"–5⅝"	✓	C*	8	8	10.75 EA
821-2P	821-2A	2"	4⅜"	3⅝"–5⅝"		C*	20	20	9.75 EA
821-2PPK[1]	821-2APK[1]	2"	4⅜"	3⅝"–5⅝"		B*	8	8	10.25 EA
NO STRAINER RIM									
821-2080P	821-2080A	2"	4¼"	3⅝"–5⅝"	✓	B*	20	20	11.25 EA
821-280P	821-280A	2"	4¼"	3⅝"–5⅝"		B*	20	20	10.75 EA

[1]Items have white PVC (or black ABS) body



Sch. 40 hub

Shower Pan Drain

Snap-in Stainless Steel Strainer

- Strainer fingers prevent slipping and turning. No screws for a cleaner appearance
- Models available with either a (gray) plastic rim around strainer, or no strainer rim
- 430 stainless steel strainer
- Beveled drain body and mounting holes for easy subfloor installation

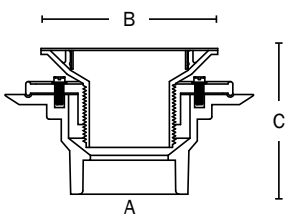


821-2780P



The new Round-to-Square Adapter easily converts 821 drains from round strainer to square.
See pg 366

PVC Item No	ABS Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
PLASTIC STRAINER RIM								
821-270P	821-270A	2"	4⅜"	3⅝"–5⅝"	B*	20	20	9.75 EA
NO STRAINER RIM								
821-2780P	821-2780A	2"	4¼"	3⅝"–5⅝"	B*	1	10	10.75 EA

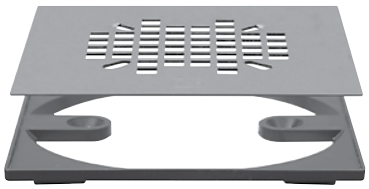


Sch. 40 hub

NEW Round-to-Square Strainer Adapter Kit

Converts 821 Drains with Round Stamped Strainers to Square

- Simply remove the round strainer from the drain head, attach the square adapter using two screws and snap the new square strainer in place
- Kit includes round-to-square adapter, square stainless steel strainer, two sets of screws and an illustrated instruction sheet



821-2QAS



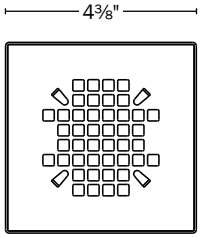
Remove the round stamped strainer from the 821 drain head



Attach the square adapter using two screws



Snap new square strainer into adapter



Item No	Description	Pkg	Min Qty	Case Qty	List Price
821-2QAS	Stainless steel square strainer w/ round-to-square adapter & screws	C*	5	5	4.95 EA
821-2QASN	Satin finish square SS strainer w/ round-to-square adapter & screws	C*	5	5	14.45 EA
821-2QARB	Oil-rubbed bronze finish square SS strainer w/ round-to-square adapter & screws	C*	5	5	14.45 EA

Shower Pan Drain

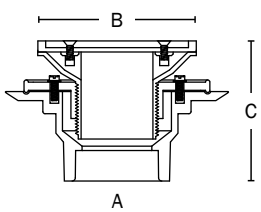
Cast Metal Ring and Strainer

- Machine screws and threaded brass inserts in drain body and head adapter
- Beveled drain body and mounting holes for easy subfloor installation



NEW Gray PVC

821-200PNR



PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
CAST NICKEL BRONZE RING & STRAINER									
821-200PNR	821-200ANR	Round	2"	4½"	3 15/16"–5 15/16"	B*	5	5	37.50 EA
821-200PNQ	821-200ANQ	Square	2"	4½"	3 15/16"–5 15/16"	B*	1	5	47.50 EA
MATTE 304 STAINLESS STEEL RING & STRAINER									
821-200PSR	821-200ASR	Round	2"	4½"	3 15/16"–5 15/16"	B*	5	5	37.50 EA
821-200PSQ	821-200ASQ	Square	2"	4½"	3 15/16"–5 15/16"	B*	1	5	47.50 EA
POLISHED 304 STAINLESS STEEL RING & STRAINER									
NEW 821-200PCR	821-200ACR	Round	2"	4½"	3 15/16"–5 15/16"	B*	5	5	47.50 EA
NEW 821-200PCQ	821-200ACQ	Square	2"	4½"	3 15/16"–5 15/16"	B*	1	5	57.50 EA
CAST OIL-RUBBED BRONZE FINISH RING & STRAINER									
821-200PRBR	821-200ARBR	Round	2"	4½"	3 15/16"–5 15/16"	B*	1	5	67.50 EA
821-200PRBQ	821-200ARBQ	Square	2"	4½"	3 15/16"–5 15/16"	B*	1	5	77.50 EA

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

Shower Pan Drain

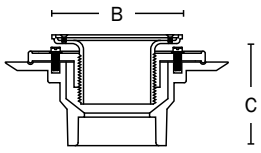
Chrome-Plated or Oil-Rubbed Bronze Adapter and Strainer

- Head adapter available separately
- Beveled drain body and mounting holes for easy subfloor installation
- Square pattern is perfect for tile floors



821-2PQCP

PVC Item No	ABS Item No	Strainer Pattern	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
CHROME-PLATED ADAPTER & STRAINER									
821-2PCP	821-2ACP	Round	2"	4⅛"	3½"–4¾"	B*	1	5	35.00 EA
821-HCP	—	Round	2" MIP head adapter only			B*	1	5	27.00 EA
821-2PQCP	821-2AQCP	Square	2"	4⅛"	3½"–4¾"	B*	1	5	40.00 EA
821-HQCP	—	Square	2" MIP head adapter only			B*	1	5	32.00 EA
OIL-RUBBED BRONZE FINISH ADAPTER & STRAINER									
821-2PQRB	821-2AQRB	Square	2"	4⅛"	3½"–4¾"	B*	1	5	60.00 EA
821-2PRB	821-2ARB	Round	2"	4⅛"	3½"–4¾"	B*	1	5	55.00 EA



Shower Pan Drain

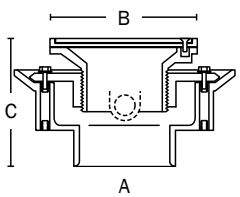
Large Capacity, Cast Metal Ring & Strainer

- For large tile floor showers and showers with multiple heads or body-spray options
- Larger head/strainer and 3" connection provides increased flow capacity



863-435NQ

PVC Item No	ABS Item No	Ring & Strainer	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
CAST NICKEL BRONZE RING & STRAINER									
863-435NR	863-335NR	Round	3"	5½"	4⅜"–6⅜"	B*	1	6	62.50 EA
863-435NQ	863-335NQ	Square	3"	5⅞"	4⅜"–6⅜"	B*	1	2	77.50 EA
CAST 304 STAINLESS STEEL RING & STRAINER									
863-435SR	863-335SR	Round	3"	5½"	4⅜"–6⅜"	B*	1	6	62.50 EA
863-435SQ	863-335SQ	Square	3"	5⅞"	4⅜"–6⅜"	B*	1	2	77.50 EA
POLISHED 304 STAINLESS STEEL RING & STRAINER									
NEW 863-435CR	863-335CR	Round	3"	5½"	4⅜"–6⅜"	B*	1	6	72.50 EA
NEW 863-435CQ	863-335CQ	Square	3"	5⅞"	4⅜"–6⅜"	B*	1	2	87.50 EA
CAST OIL-RUBBED BRONZE FINISH RING & STRAINER									
863-435RBR	863-335RBR	Round	3"	5½"	4⅜"–6⅜"	B*	1	6	102.50 EA
863-435RBQ	863-335RBQ	Square	3"	5-⅞"	4⅜"–6⅜"	B*	1	2	117.50 EA





823-32PSS

NEW StreamLine™

Linear Shower Drain

- Designed for use in "thin-bed" tile applications with a bonded waterproof membrane (ANSI A118.10)
- Provides a unique, contemporary appearance and functional design for shower areas
- Allows for the use of larger, floor-size tiles
- Perfect for use in residential applications for barrier-free or ADA showers, or along thresholds for overflow control
- All StreamLine drains include installation hardware, sealant and an illustrated instruction sheet
- Seamless, internally sloped, PVC body



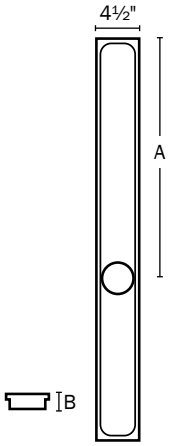
Slotted Strainer Pattern



Pyramid Strainer Pattern



StreamLine™ drains combine sleek, contemporary design with exceptional reliability and simple installation.



Item No	Length	Strainer Pattern	Connection	Dimensions A	Dimensions B	Pkg	Min Qty	Case Qty	List Price
823-24PSP	24"	Pyramid	2" PVC Sch. 40 Hub	15¾"	1¼"	B*	1	1	751.75 EA
823-24PSS	24"	Slotted	2" PVC Sch. 40 Hub	15¾"	1¼"	B*	1	1	751.75 EA
823-FK24	Full-mortar-bed adapter kit for 24" StreamLine**			—	—	B*	1	1	109.25 EA
823-32PSP	32"	Pyramid	2" PVC Sch. 40 Hub	19½"	1⅜"	B*	1	1	912.25 EA
823-32PSS	32"	Slotted	2" PVC Sch. 40 Hub	19½"	1⅜"	B*	1	1	912.25 EA
823-FK32	Full-mortar-bed adapter kit for 32" StreamLine**			—	—	B*	1	1	109.25 EA
823-40PSP	40"	Pyramid	2" PVC Sch. 40 Hub	23¾"	1½"	B*	1	1	1072.50 EA
823-40PSS	40"	Slotted	2" PVC Sch. 40 Hub	23¾"	1½"	B*	1	1	1072.50 EA
823-FK40	Full-mortar-bed adapter kit for 40" StreamLine**			—	—	B*	1	1	109.25 EA
823-60PSP	60"	Pyramid	2" PVC Sch. 40 Hub	33¾"	1⅝"	B*	1	1	1427.00 EA
823-60PSS	60"	Slotted	2" PVC Sch. 40 Hub	33¾"	1⅝"	B*	1	1	1427.00 EA
823-FK60	Full-mortar-bed adapter kit for 60" StreamLine**			—	—	B*	1	1	140.50 EA

**For use when installing StreamLine in full-mortar-bed applications with standard CPE waterproofing membrane

Packaging: **B** = Bulk **C** = Cut Case ***** Individually Bar-Coded

"Hot Mop" Shower Pan Drain

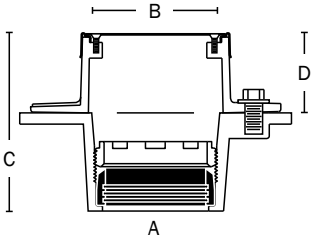
Screw-on Stainless Steel Strainer

- For use in showers with tile floors and hot-mopped tar or asphalt waterproofing
- Enamel-coated cast iron body with stainless steel bolts
- Stainless steel crown/ring and strainer
- Square strainer ring available for easier tile setting



821-2iNS

Item No	Dimensions				Pkg	Min Qty	Case Qty	List Price
	A	B	C	D				
NO-CAULK CONNECTION								
821-2iNS	2"	3⅝"	4⅜"	2"	C*	1	4	30.50 EA
FIP THREAD CONNECTION								
821-2iFS	2"	3⅝"	3⅝"	2"	C*	4	4	25.50 EA
HOT MOP SHOWER DRAIN ACCESSORIES								
821-HSR	Stainless steel strainer & ring				C*	1	10	6.75 EA
821-HPR	Polished brass strainer & ring				C*	1	10	13.25 EA
821-HSQ	4" square stainless steel strainer ring only				C*	1	10	6.25 EA



Solvent Weld Shower Module Drain

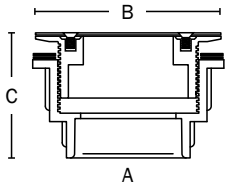
Screw-on Stainless Steel Strainer

- Available with brass inserts in top for machine screws or pilot holes for standard screws
- 430 stainless steel strainer
- 1½" hub connection is also 2" spigot
- Do not use putty with plastic shower drains



825-20P

PVC Item No	ABS Item No	Dimensions			Brass Inserts	Pkg	Min Qty	Case Qty	List Price
		A	B	C					
825-10P	825-10A	1½"	4¼"	2⅝"	✓	B*	20	20	9.25 EA
825-20P	825-20A	2"	4¼"	2⅝"	✓	B*	20	20	8.00 EA
825-1P	825-1A	1½"	4¼"	2⅝"		B*	20	20	8.00 EA
825-2P	825-2A	2"	4¼"	2⅝"		B*	20	20	6.75 EA
825-2PPK	825-2APK	2"	4¼"	2⅝"		C*	12	12	7.25 EA



Sch. 40 hub

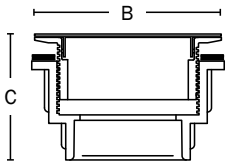
Solvent Weld Shower Module Drain

Snap-in Stainless Steel Strainer

- Strainer fingers grip slots in top to prevent slipping and turning
- 430 stainless steel strainer
- 1½" hub connection is also 2" spigot
- Do not use putty with plastic shower drains



825-27P



Sch. 40 hub

PVC Item No	ABS Item No	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
825-17P	825-17A	1½"	4¼"	2⅝"	B*	20	20	7.90 EA
825-27P	825-27A	2"	4¼"	2⅝"	B*	20	20	6.65 EA

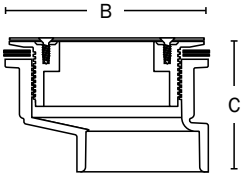
Offset Solvent Weld Shower Module Drain

Screw-on Stainless Steel Strainer

- Provides a ¾" offset in any direction
- Use when needed to offset from a joist or other obstacle
- 430 stainless steel strainer
- Do not use putty with plastic shower drains



825-2PFS



Sch. 40 hub

PVC Item No	ABS Item No	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
825-2PFS	825-2AFS	2"	4¼"	2"	C*	10	10	10.75 EA

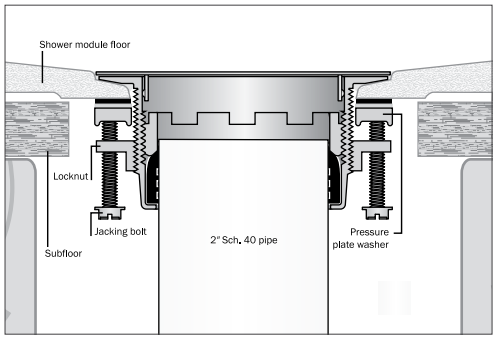
JackRabbit™

Jacking Bolt Shower Drain

- Perfect for replacement applications when workspace is restricted
- Brass body, locknut and pressure plate washer with elastomer no-caulk gasket

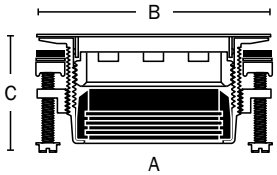


827-2J



Unique design uses stainless steel "jacking bolts" and a pressure plate washer to create a seal – no need to wrench tighten the outer locknut.

	Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
	SHOWER DRAIN							
	827-2J	2"	4¼"	2⅛"	C*	1	6	38.00 EA
	REPLACEMENT GASKET							
	827-2BG	Elastomer compression gasket			B	10	100	1.75 EA



Sch. 40 hub

No-Caulk Shower Module Drain

Brass Body with Snap-in Stainless Steel Strainer

- Brass body and locknut with elastomer no-caulk gasket
- Snap-in 430 stainless steel strainer

PVC Body with Snap-in Stainless Steel Strainer

- PVC body and locknut with elastomer no-caulk gasket
- Snap-in 430 stainless steel strainer
- Do not use putty with plastic shower drains

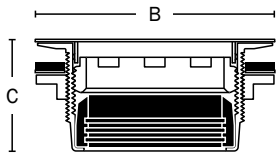


827-2B



828-2

	Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
	CAST BRASS BODY DRAIN							
	827-2B	2"	4¼"	2⅛"	C*	1	10	21.00 EA
	PVC DRAIN							
	828-2	2"	4¼"	2⅛"	B	1	20	8.75 EA
	828-2PK	2"	4¼"	2⅛"	C*	10	10	9.25 EA
	REPLACEMENT GASKET							
	827-2BG	Elastomer compression gasket			B	10	100	1.75 EA



Sch. 40 hub

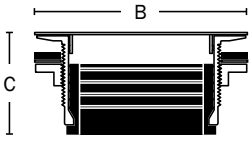


829-S2

Push-Joint Shower Module Drain

Snap-in Stainless Steel Strainer

- PVC drain body with outer locknut
- Elastomer push-joint gasket installs over 2" Sch. 40 pipe
- 430 stainless steel strainer
- Do not use putty with plastic shower drains



Sch. 40 hub

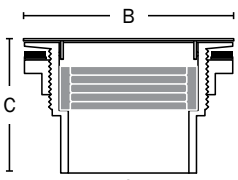
Item No	Dimensions			Pkg	Min Qty	Case Qty	List Price
	A	B	C				
829-S2	2"	4¼"	2⁵⁄₁₆	B*	1	20	27.50 EA



826-2P

Push-Joint/Solvent Weld Shower Module Drain

- Optional full-slip glue hub or gasket seal connection
- Do not use putty with plastic shower drains



Sch. 40 hub

PVC Item No	ABS Item No	Dimensions			Pkg	Min Qty	Case Qty	List Price
		A	B	C				
826-2P	826-2A	2"	4¼"	2⅝"	B*	1	20	16.00 EA
826-2PPK	—	2"	4¼"	2⅝"	C*	10	10	16.15 EA

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

FLOOR DRAINS

WELD ONE™

QUAD DRAIN™

INSIDE PIPE DRAINS

GENERAL PURPOSE DRAINS

REPLACE-IT™

GRIPPER™

SPECIALTY FLOOR DRAINS

Weld One™

Integral Trap Floor Drain

Patent # D587,787



800-P

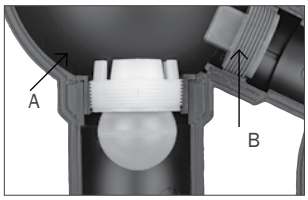
- Proven performance, improved design
- Drain body is sonic welded – NOT GLUED
- Deeper outlet reduces slab cracks
- Threaded, ½" FIP knockout trap primer port
- Outlet provides proper slope to connecting pipe
- Strainer options include round and square nickel bronze and stainless steel, or heavy-duty ductile iron
- PVC or ABS solvent weld connection

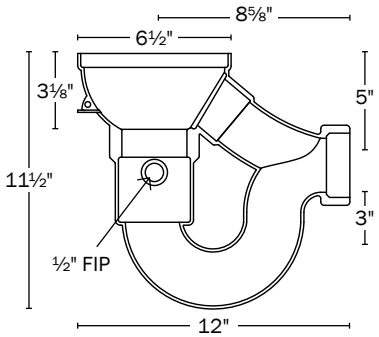


Adhesive debris cover protects drain during pour and removes with no residue.

A 2" FIP drain throat is designed to fit the 802-7 backwater device or laundry standpipe. Backwater device is available installed (800-PBW, 800-ABW) or can be purchased separately. (See below.)

B 1½" cleanout plug is pre-installed into FIP cleanout threads.





PVC Item No	ABS Item No	Description	Pkg	Min Qty	Case Qty	List Price
		POLYPRO STRAINER				
800-P	800-A	2" Weld One floor drain (gray PVC, black ABS)	B*	12	12	21.75 EA
800-PPK	800-APK	2" Weld One floor drain (white PVC, black ABS)	B*	3	3	23.20 EA
800-PBW	800-ABW	2" Weld One with backwater device (gray PVC, black ABS)	B*	12	12	29.00 EA
		NICKEL BRONZE RING & STRAINER				
800-PNR	800-ANR	2" Weld One, round ring & strainer (gray PVC, black ABS)	B*	1	2	60.00 EA
800-PNQ	800-ANQ	2" Weld One, square ring & strainer (gray PVC, black ABS)	B*	1	2	85.00 EA
		304 STAINLESS STEEL RING & STRAINER				
800-PSR	800-ASR	2" Weld One, round ring & strainer (gray PVC, black ABS)	B*	1	2	60.00 EA
800-PSQ	800-ASQ	2" Weld One, square ring & strainer (gray PVC, black ABS)	B*	1	2	85.00 EA
		DUCTILE IRON RING & STRAINER				
800-PiR	800-AiR	2" Weld One, round ring & strainer (gray PVC, black ABS)	B*	1	2	40.00 EA

Backwater Device

2" MIP Body



802-7

- For use in 2" FIP threaded drain throat
- Provides reasonable protection from backup through a floor drain. Not intended to replace a backwater valve
- Not designed for air or water test

Item No	Description	Pkg	Min Qty	Case Qty	List Price
802-7	Polypro backwater device for 2" FIP threads	C*	12	12	6.00 EA

Quad Drain™

General Purpose Floor Drain

- Low profile design
- Standard hub, or full-slip connections available to fit 2" and 3" Sch. 40 pipe
- Full-slip connections allow adjust-to-grade installations. Full-slip models are gray PVC
- Nickel bronze and stainless steel strainers for use in pedestrian traffic areas
- Ductile iron strainers for heavy-duty applications
- Square strainers are great for floor tile



841-2P



841-29PNQ

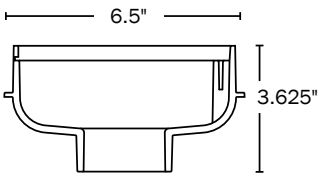


Adhesive debris cover protects drain during pour and removes with no residue.

Options: Add letter suffix.
H – 2" FIP threaded drain throat for stand pipe $12.00

PVC Item No	ABS Item No	Connection	Strainer Pattern	Pkg	Min Qty	Case Qty	List Price
POLYPRO STRAINER							
841-2P	841-2A	2" × 3"	Round	B*	12	12	11.00 EA
841-2PPK	841-2APK	2" × 3"	Round	B*	6	6	11.24 EA
841-29P	—	2" full-slip [1]	Round	B*	12	12	11.00 EA
841-29PL	—	2" full-slip [1]	Round, less screw	B*	12	12	10.80 EA
841-39P	—	3" full-slip [1]	Round	B*	12	12	11.00 EA
841-39PL	—	3" full-slip [1]	Round, less screw	B*	12	12	10.80 EA
NICKEL BRONZE RING & STRAINER							
841-2PNR	841-2ANR	2" × 3"	Round	B*	1	6	52.50 EA
841-29PNR	—	2" full-slip [1]	Round	B*	1	1	52.50 EA
841-39PNR	—	3" full-slip [1]	Round	B*	1	2	52.50 EA
841-2PNQ	841-2ANQ	2" × 3"	Square	B*	1	2	77.50 EA
841-29PNQ	—	2" full-slip [1]	Square	B*	1	1	77.50 EA
841-39PNQ	—	3" full-slip [1]	Square	B*	1	2	77.50 EA
304 STAINLESS STEEL RING & STRAINER							
841-2PSR	841-2ASR	2" × 3"	Round	B*	1	2	52.50 EA
841-29PSR	—	2" full-slip [1]	Round	B*	1	2	52.50 EA
841-39PSR	—	3" full-slip [1]	Round	B*	1	2	52.50 EA
841-2PSQ	841-2ASQ	2" × 3"	Square	B*	1	2	77.50 EA
841-29PSQ	—	2" full-slip [1]	Square	B*	1	2	77.50 EA
841-39PSQ	—	3" full-slip [1]	Square	B*	1	2	77.50 EA
DUCTILE IRON RING & STRAINER							
841-2PiR	841-2AiR	2" × 3"	Round	B*	1	2	32.50 EA
841-29PiR	—	2" full-slip [1]	Round	B*	1	1	32.50 EA
841-39PiR	—	3" full-slip [1]	Round	B*	1	2	32.50 EA

[1] Full slip models are gray PVC.

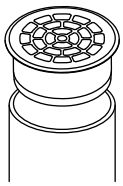


Inside Pipe Drain



845-3P

- Solvent welds inside pipe, flush to floor
- Also great for direct vent furnaces and water heaters, or to cover any open ended pipe



Fits inside Sch. 40 ABS/PVC pipe.



White ABS Item No	Black ABS Item No	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
845-2P	—	2" Sch. 40	2⅜"	1"	B*	20	20	1.70 EA
845-2PPK	845-2APK	2" Sch. 40	2⅜"	1"	C*	10	10	1.90 EA
845-3P	—	3" Sch. 40	3½"	1½"	B*	20	20	2.15 EA
845-3PPK	845-3APK	3" Sch. 40	3½"	1½"	C*	10	10	2.35 EA
845-4P	—	4" Sch. 40	4½"	1⅞"	B*	20	20	2.90 EA
845-4PPK	845-4APK	4" Sch. 40	4½"	1⅞"	C*	10	10	3.10 EA

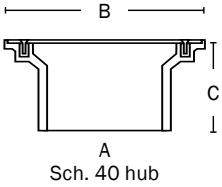
Solvent Weld Floor Drain

Screw-On Stainless Steel Strainer



840-2P

- Available with brass inserts for machine screws, or pilot holes for standard screws
- 19-gauge 430 stainless steel strainer



PVC Item No	ABS Item No	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
MACHINE SCREWS & BRASS INSERTS								
840-20P	840-20A	2" × 3"	4⅜"	1¾"	B*	20	20	10.25 EA
840-30P	840-30A	3" × 4"	4⅜"	2¼"	B*	1	20	12.75 EA
STANDARD SCREWS								
840-2P	840-2A	2" × 3"	4⅜"	1¾"	B*	20	20	5.50 EA
840-2PPK	840-2APK	2" × 3"	4⅜"	1¾"	C*	10	10	5.90 EA
840-3P	840-3A	3" × 4"	4⅜"	2¼"	B*	20	20	8.00 EA
840-3PPK	840-3APK	3" × 4"	4⅜"	2¼"	C*	10	10	8.40 EA

Solvent Weld Floor Drain

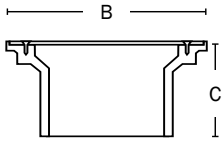
Snap-In Stainless Steel Strainer

- Strainer fingers grip slots in drain body to prevent slipping and turning
- 430 stainless steel strainer



840-27P

PVC Item No	ABS Item No	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
840-27P	840-27A	2" × 3"	4⅜"	1¾"	B*	20	20	5.50 EA
840-37P	840-37A	3" × 4"	4⅜"	2¼"	B*	1	10	8.00 EA



Solvent Weld Floor Drain

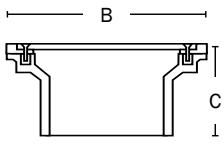
Nickel Bronze Ring & Strainer

- Brass inserts in drain body make strainer replacement fast and easy
- Cast, satin-finish nickel bronze ring and strainer for high-end finish floors



840-20PNR

PVC Item No	ABS Item No	Dimensions A	Dimensions B	Dimensions C	Pkg	Min Qty	Case Qty	List Price
840-20PNR	840-20ANR	2" × 3"	4½"	2 1/16"	B*	1	10	32.50 EA
840-30PNR	840-30ANR	3" × 4"	4½"	2 9/16"	B*	1	10	35.00 EA





847-7B

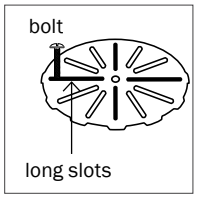


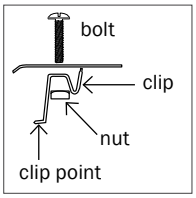
847-7

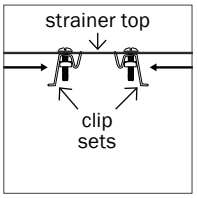
Replace-It™

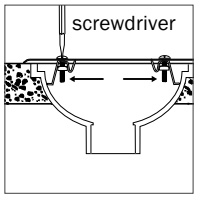
Adjustable Drain Strainer

- Replace rusted or broken cast iron strainers or bar grates
- Heavy gauge stainless steel – 100% corrosion proof
- Adjustable screw clips to fit almost any drain
- 7¼" diameter fits 3¼" – 6¾" drain openings
  9¼" diameter fits 5¼" – 8¾" drain openings

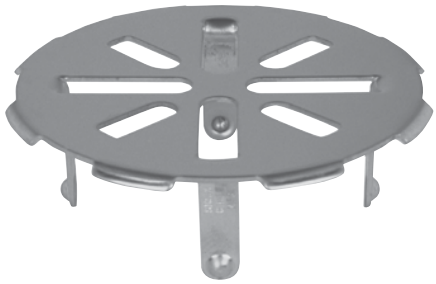








Item No	Description	Gauge	Pkg	Min Qty	Case Qty	List Price
847-7B	7¼" diameter	14	B*	20	20	20.75 EA
847-7	7¼" diameter, clamshell	14	C*	10	10	25.25 EA
847-9	9¼" diameter	12	B*	1	10	50.00 EA



847-3

Gripper™

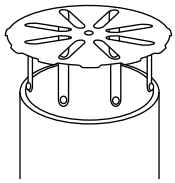
Stainless Steel Pipe Strainer

- Gripping fingers fit snugly inside pipe keeping strainer securely in place
- Heavy gauge stainless steel – 100% corrosion proof

Options: Add letter suffix. Add price to list.

C Hole for condensate lines [1] $4.00

1 Only available on 847-3 and 847-4.



fits inside pipe

Item No	Description	Gauge	Pkg	Min Qty	Case Qty	List Price
847-2	Fits 2" pipe	18	B	20	20	4.75 EA
847-2PK1	Fits 2" pipe, clamshell	18	C*	5	5	6.25 EA
847-3	Fits 3" pipe	16	B	20	20	5.00 EA
847-3PK1	Fits 3" pipe, clamshell	16	C*	10	10	6.50 EA
847-4	Fits 4" pipe	16	B	10	10	5.25 EA
847-4PK1	Fits 4" pipe, clamshell	16	C*	10	10	6.75 EA

Bell Trap Drain

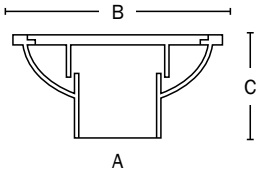
PVC or ABS

- Solvent weld connection
- Bell-type trap is designed into sump area



866-3P

PVC Item No	ABS Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
866-2P	—	1½" Sch. 40 hub × 2" Sch. 40 spigot	6"	2 3/16	B*	1	25	7.25 EA
866-2PPK	866-2APK	1½" Sch. 40 hub × 2" Sch. 40 spigot	6"	2 3/16	C*	5	5	8.75 EA
866-3P	—	3" S & D hub × 3" Sch. 40 spigot	9"	4½"	B*	1	20	17.25 EA
866-34P	—	Over 3" or inside 4" Sch. 40	9"	4½"	B*	1	20	17.25 EA
866-34PPK	866-34APK	Over 3" or inside 4" Sch. 40	9"	4½"	C*	5	5	18.75 EA
866-4P	—	4" S & D hub × 4" Sch. 40 spigot	9"	4½"	B*	1	20	17.25 EA



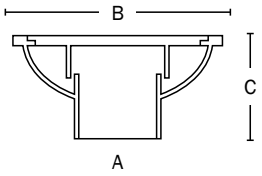
Bell Trap Drain

Cast Iron

- No-hub connection
- Bell-type trap is designed into sump area



866-3i



Item No	Dimensions A	B	C	Pkg	Min Qty	Case Qty	List Price
866-2i	2" no hub	5¾"	3⅜"	B*	2	2	27.50 EA
866-3i	3" no hub	9"	4⅜"	B*	2	2	45.00 EA

PVC Vent Cap

- Fits over 3" or 4" DWV pipe
- Two set screws secure cap to vent pipe



869-V34

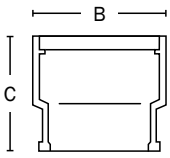
Item No	Dimensions A	B	Pkg	Min Qty	Case Qty	List Price
869-V34	6"	1¾"	C*	4	4	13.75 EA

Philadelphia Style Vent Cap



869-V4

- Cast iron inside-caulk connection
- Set 2" above grade (or in accordance with local code)
- Install outside on sewer lateral to vent gas
- Enamel-coated cast iron



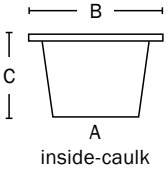
Item No	Dimensions			Pkg	Min Qty	Case Qty	List Price
	A	B	C				
869-V4	4"	6⅝"	5⅝"	B*	1	1	27.50 EA

Pittsburgh Style Drain



844-04iQ

- Cast iron inside-caulk connection
- Enamel-coated cast iron



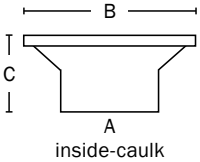
Item No	Dimensions			Pkg	Min Qty	Case Qty	List Price
	A	B	C				
844-04iQ	4"	8¾"	4⅝"	B*	2	2	27.50 EA

St. Louis Style Drain



844-0SL

- Cast iron inside-caulk connection
- Enamel-coated cast iron



Item No	Dimensions			Pkg	Min Qty	Case Qty	List Price
	A	B	C				
844-02SL	2"	4⅞"	2⅜"	C*	2	2	10.75 EA
844-0SL	3"	7"	3½"	C*	2	2	22.50 EA
844-04SL	4"	9¼"	4"	C*	2	2	32.50 EA

CLOSET FLANGES

TKO™

PUSH TITE™

OPEN FLANGES

OFFSET FLANGES

SPECIALTY FLANGES

SPACER/REPAIR RINGS

TKO™

Total Knockout Closet Flange

Patent #5,377,361

- Proven performance, improved design
- Knockout will not break apart and cannot fall down drain pipe
- Corrosion-resistant 430 stainless steel swivel ring is engineered for maximum strength
- Holds five floors (22 PSI) for head test



883-PT



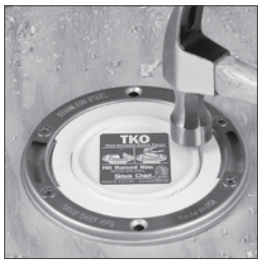
886-4PT



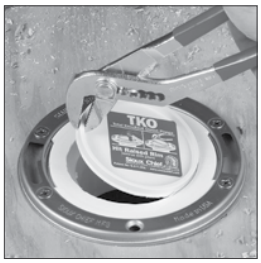
884-PTM



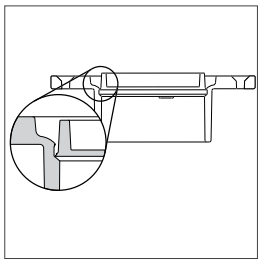
888-PTM



Hit the raised rim of the TKO™ until the knockout cracks loose.



Remove loose knockout with pliers. It always removes in one piece.



Patented design makes the knockout larger than the drain throat. It will not break apart and fall down drain line.

	PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty	List Price
			ONE-PIECE PLASTIC RING				
cUPC	883-PT	883-AT	3" hub/inside 4", flush to floor [1]	B*	25	25	3.45 EA
cUPC	883-PTPK	883-ATPK	3" hub/inside 4", flush to floor [1]	C*	8	8	3.60 EA
	886-PTS	886-ATS	3" spigot	B*	25	25	8.05 EA
	886-PT30	—	3" Sch. 30 hub	B*	25	25	5.25 EA
	886-4PT	886-4AT	4" hub, flush to floor	B*	25	25	6.00 EA
	886-4PTS	886-4ATS	4" spigot, flush to floor	B*	25	25	6.00 EA
			STAINLESS STEEL SWIVEL RING				
	883-PTM	883-ATM	3" hub/inside 4", flush to floor [1], 1¾"-long tailpiece	B*	24	24	6.50 EA
	884-PTM	884-ATM	3" hub/inside 4", flush to floor [1], 2½"-long tailpiece	B*	24	24	6.70 EA
	884-PTMPK	884-ATMPK	3" hub/inside 4", flush to floor [1], 2½"-long tailpiece	C*	8	8	6.85 EA
	886-PTMS	886-ATMS	3" spigot	B*	25	25	10.30 EA
	886-PTMSPK	886-ATMSPK	3" spigot	C*	8	8	10.45 EA
	888-PTM	888-ATM	3" inside fit [1]	B*	25	25	6.40 EA
	888-PTMPK	888-ATMPK	3" inside fit [1]	C*	8	8	6.55 EA
	886-PTM30	—	3" Sch. 30 hub	B*	25	25	8.50 EA
	886-4PTM	886-4ATM	4" hub, flush to floor	B*	25	25	9.00 EA
	886-4PTMPK	886-4ATMPK	4" hub, flush to floor	C*	8	8	9.15 EA
	886-4PTMS	886-4ATMS	4" spigot, flush to floor	B*	25	25	9.00 EA
	886-4PTMSPK	886-4ATMSPK	4" spigot, flush to floor	C*	8	8	9.15 EA

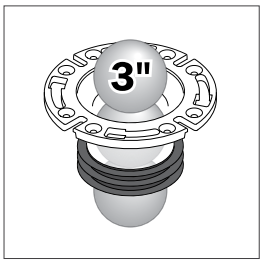
All models UPC listed except Sch. 30 and 3" inside-fit models. cUPC listed where indicated

1 The inside diameter of pipe can vary significantly. These flanges are designed to fit inside most, but may not fit all types of pipe.

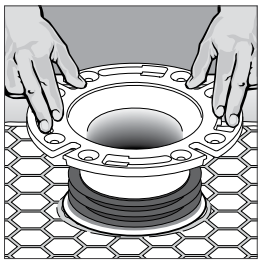
Push Tite™

Gasketed Closet Flange

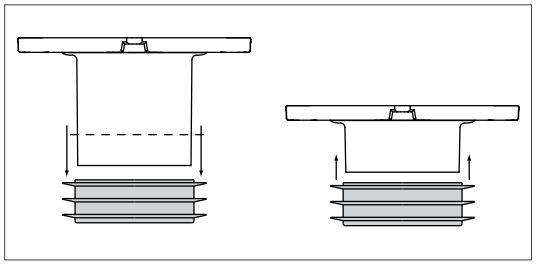
- Gasket seals inside DWV pipe
- Easy installation – simply push in and fasten to floor, perfect for replacement or new installations
- Push Tite™ flanges have larger outlets than other gasketed closet flanges and smooth inner walls with no obstructions or ledges to cause clogs
- Swivel ring is stainless steel for durability



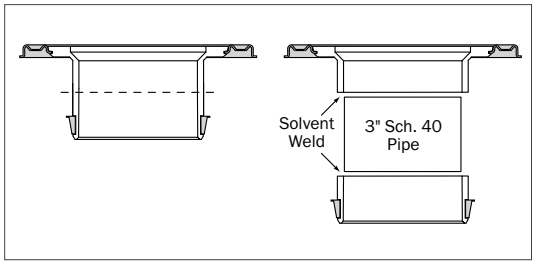
The 886/887 Push Tite models are the only gasketed closet flanges that will allow a 3" ball to pass freely – no obstructions.



Pushes into any DWV pipe. Lubricate gasket before installation if necessary.



To shorten 886 Push Tite... remove gasket, cut tail piece to length & replace gasket.



To extend the 887 Push Tite, cut in half across the outlet, glue in 3" Sch. 40 pipe.



886-GP



887-GPM



888-GPM

White ABS Item No	Black ABS Item No	Connection	Pkg	Min Qty	Case Qty	List Price
		INSIDE 3" DWV PIPE				
888-GPM	888-GAM	3" inside fit gasket with SS swivel ring, 4"-long tailpiece	C*	6	6	25.50 EA
		INSIDE 4" DWV PIPE				
887-GPM	887-GAM	4" inside fit gasket with SS swivel ring, flush to floor	C*	6	6	19.00 EA
886-GP	886-GA	4" inside fit gasket with plastic ring, 4"-long tailpiece	C*	5	5	17.50 EA
887-GPTMK		Push-Tite Installation Kit: includes 886-GP, wax ring, closet bolts, and shims	C*	6	6	29.00 EA

Open Closet Flange

Stainless Steel Swivel Ring

- Corrosion-resistant 430 stainless steel swivel ring is engineered for maximum strength

One-Piece Plastic

- Solid ABS or PVC



887-PM



886-4P

All models UPC listed except 3" inside fit models. cUPC where indicated

PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty	List Price
		ONE-PIECE PLASTIC RING				
888-P	888-A	3" inside fit [1]	B*	20	20	4.25 EA
888-PPK	888-APK	3" inside fit [1]	C*	10	10	4.40 EA
886-P	886-A	3" hub/inside 4", flush to floor [1]	B*	20	20	2.65 EA
886-PPK	886-APK	3" hub/inside 4", flush to floor [1]	C*	10	10	2.85 EA
886-4P	886-4A	4" hub, flush to floor	B*	25	25	5.50 EA
886-4PPK	886-4APK	4" hub, flush to floor	C*	6	6	5.65 EA
886-4PS	—	4" spigot, flush to floor	B*	25	25	5.60 EA
		STAINLESS STEEL SWIVEL RING				
888-PM	888-AM	3" inside fit, 4" long tailpiece [1]	B*	12	12	9.25 EA
887-PM	887-AM	3" hub/inside 4", flush to floor [1]	B*	25	25	6.50 EA
886-4PM	886-4AM	4" hub, flush to floor	B*	25	25	8.75 EA
886-4PMSPK	886-4AMSPK	4" spigot, flush to floor	C*	6	6	8.90 EA

[1] The inside diameter of pipe can vary significantly. These flanges are designed to fit inside most, but may not fit all types of pipe.

Full Flush™

Offset Closet Flange

- Full-flow, 3" I.D. throat – no restriction
- Allows for 1½" offset in any direction for closet bowl setting
- Corrosion-resistant 430 stainless steel swivel ring is engineered for maximum strength



889-POM



889-POTM



889-GPOM

Full Flush™ is the only offset closet flange that will allow a 3" ball to pass freely – no obstructions.



PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty	List Price
		OPEN FLANGE				
889-POM	889-AOM	3" hub/inside 4", flush to floor [1]	B*	20	20	10.50 EA
889-POMPK	889-AOMPK	3" hub/inside 4", flush to floor [1]	C*	6	6	10.65 EA
889-GPOM	889-GAOM	Inside 4" gasket fit	B*	4	4	25.00 EA
		WITH KNOCKOUT				
889-POTM	889-AOTM	3" hub/inside 4", flush to floor [1]	B*	20	20	11.25 EA

[1] The inside diameter of pipe can vary significantly. These flanges are designed to fit inside most, but may not fit all types of pipe.

Drop-Kick™

45° Offset Closet Flange

- Full-flow, 3" I.D. throat – no restriction
- Solvent welds inside 3" Sch. 40 fitting hub
- Corrosion-resistant 430 stainless steel swivel ring is engineered for maximum strength



Drop-Kick™ is the only 45° offset closet flange that will allow a 3" ball to pass freely – no obstructions.



889-45PM

PVC Item No	ABS Item No	Connection	Pkg	Min Qty	Case Qty	List Price
889-45PM	889-45AM	3" spigot, flush to floor	B*	20	20	15.00 EA
889-45PMPK	889-45AMPK	3" spigot, flush to floor	C*	10	10	15.15 EA
889-45PMPK2	889-45AMPK2	3" spigot, flush to floor	C*	6	6	15.15 EA

Cast Iron Closet Flange

- Fits over 4" cast iron DWV pipe
- Easy compression installation with neoprene gasket
- Perfect for retrofit or remodel applications
- Integral neoprene cover/cap removes with utility knife after test



890-i42

Item No	Connection	Pkg	Min Qty	Case Qty	List Price
890-i42B	4" cast iron compression connection	B	500	500	16.50 EA
890-i42	4" cast iron compression connection	B*	4	4	17.50 EA

Brass Closet Flange Ring

- Solid brass
- For use with lead pipe
- Deep seal model provides more surface area for better joint



890-4BPK



890-4BDPK

Item No	Description	Pkg	Min Qty	Case Qty	List Price
890-4BPK	Brass closet flange ring	C*	10	10	16.75 EA
890-4BDPK	Deep seal brass closet flange ring	C*	10	10	22.50 EA

Ringer™

Stainless Steel Closet Ring



886-MR

- Stainless steel ring is corrosion-resistant
- Perfect for repairs to damaged closet flanges, or new concrete floor installations
- Fits securely over damaged flanges

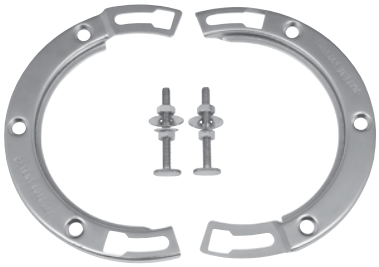


Hanger card packaging for counter areas.

Item No	Description	Pkg	Min Qty	Case Qty	List Price
886-MR	Stainless steel closet ring	C*	20	20	5.85 EA
886-MRPK	Stainless steel closet ring	B*	10	10	6.00 EA

Closet Flange Repair Ring

Patent #6,026,521



886-MRM

- Two-piece, “Moss Bay” design for replacing broken or rusted swivel rings without removing flange
- Includes two-piece galvanized ring, closet bolts, nuts and washers



Hanger card packaging for counter areas.

Item No	Description	Pkg	Min Qty	Case Qty	List Price
886-MRM	Two-piece flange repair ring kit, 1/card	C*	8	8	15.25 EA

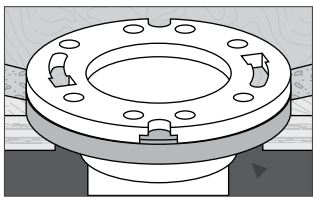
Quick Spacer™

Closet Flange Spacer Ring



886-ER

- Fits under most closet flanges
- Each ring raises the flange ¾" off the floor
- Use multiple rings for additional height



Fits under most closet flanges and stops lightweight concrete pours from running under the flange.

Item No	Description	Pkg	Min Qty	Case Qty	List Price
886-ER	¾" closet flange spacer ring	B	25	25	2.00 EA

Raise-A-Ring™

Closet Flange Extension Ring

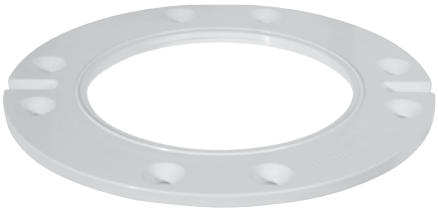
- Build up existing flange when added subfloor, tile, etc., leaves flange at or below floor level
- Stack rings for additional height



Hanger card packaging for counter areas.



886-R

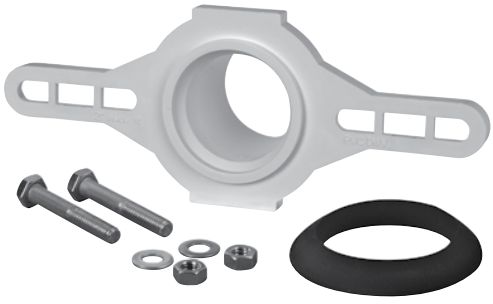


886-RQ

Item No	Description	Pkg	Min Qty	Case Qty	List Price
886-R	7⁄16"-thick flange extension ring, carded	C*	20	20	3.30 EA
886-411	Raise-A-Ring Kit: One 886-R ring with closet bolts and two shims, bagged	C*	20	20	5.25 EA
886-RQ	¼"-thick flange extension ring	C*	20	20	2.30 EA
886-RQK	Raise-A-Ring Kit: Three 886-RQ rings with closet bolts, bagged	B*	25	25	7.75 EA

Urinal Flange Kit

- Unique inside fit connection allows pipe to be cut flush with finished wall
- Kit includes: stainless steel bolts, nuts, washers and gaskets
- Horizontal slots fit 3½" – 7" mounting centers



868-7P

PVC Item No	ABS Item No	Description	Pkg	Min Qty	Case Qty	List Price
868-5P	868-5A	2" hub connection urinal flange kit	B*	10	10	14.75 EA
868-9P	868-9A	2" spigot connection urinal flange kit	B*	10	10	14.00 EA
868-7P	868-7A	2" inside-fit connection urinal flange kit	B*	10	10	14.25 EA

Save-A-Flange™

Closet Flange Repair Kit

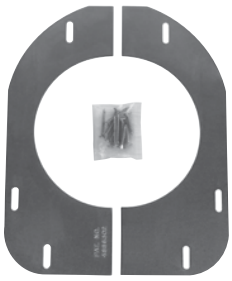


490-11320

- Repairs broken closet flanges
- ⅛" stamped, zinc-plated steel
- Kit includes: repair bar, screws, anchors, spacer washer, and instruction sheet

Item No	Description	Pkg	Min Qty	Case Qty	List Price
490-11320	Closet flange repair kit	C*	1	10	6.60 EA

Closet Flange Floor Support



490-11322

- Repairs and replaces rotted-out flooring around closet flanges
- Two-piece, 18-gauge, zinc-plated plates
- Pre-slotted and furnished with mounting screws

Item No	Description	Pkg	Min Qty	Case Qty	List Price
490-11322	Floor flange support for closet flange, 1/bag	C*	1	10	17.22 EA

BACKWATER VALVES

PROCHECK™

STANDARD BACKWATER VALVES

BACKUP FLOAT VALVES



ProCheck™

Backwater Valve

Versatile

ProCheck™ backwater valves can be installed in either shallow or deep-bury installations. All that is needed to convert a standard valve to deep-bury is a single adapter kit. This means that a contractor can buy and stock one type of valve and be confident of having the right part for either application.

Simple

The modular design of the 3" and 4" valves makes for many interchangeable accessories. The valve lid, access sleeve, sleeve collar, sleeve lid and deep-bury adapter kit will all fit both 3" and 4" valves. The contractor can buy and carry fewer items while still having all the necessary accessories.

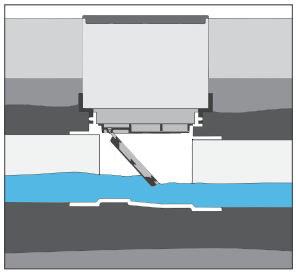
Durable

ProCheck backwater valves are designed to take the abuse of a typical ground-rough job site. We use specially formulated, engineered resins to mold the valves in our on-site injection presses, right here in the USA.

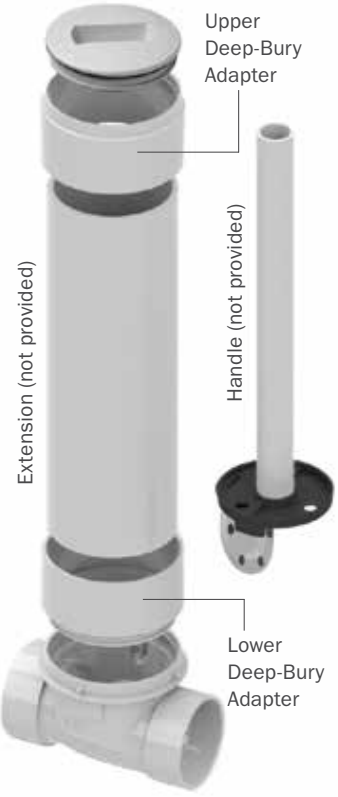
Dependable

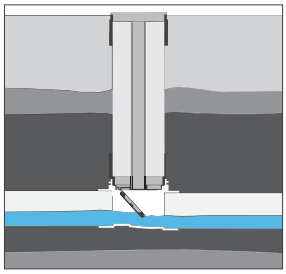
The ProCheck's integrally molded sealing surface on the face of the flapper seals watertight, even at lower backpressure when many o-ring type flappers can leak, leaving property vulnerable to sewer backup.





When the backwater valve is located within "arm's reach," the ProCheck can be used with the optional Shallow Access Sleeve Kit. This kit includes the sleeve collar, 16" long access sleeve and sleeve lid. The valve itself is sealed with the threaded valve lid and the access sleeve is used to provide access to the valve/ flapper after installation.





When the backwater valve is installed too deeply to be reached by hand, the ProCheck can be easily converted to a "deep-bury" fixture. Using the Deep-Bury adapters, 6" Sch. 40 pipe is used to bring the point of access to ground level. A handle made from 1-1/2" Sch. 40 pipe is used to retrieve and replace the flapper for inspection or maintenance.

ProCheck™

Backwater Valve

- Available for 3" or 4" Sch. 40 DWV lines.
- Valves can be adapted for standard, shallow-depth or deep-bury installations
- Modular valve design allows for interchangeable accessories – less inventory
- Structurally rugged and molded from engineered resins to stand up to job site abuse
- The unique flapper creates a tighter seal than other backwater valves



869-S3P



869-S3AS



869-S4PDB



Different-sized tabs in the carrier will only fit into the valve body when correctly aligned, which helps prevent improper installation of the flapper.



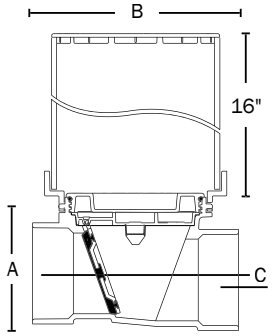
The HDPE valve lid is impact-resistant and impervious to most solvents and glues. The notch is sized to fit the end of a 2x4 for easier removal and replacement.



The unique flapper uses overmolding techniques to provide a larger and more permanent sealing surface than a typical o-ring.

Item No	Description	Dimentions			U/M	Pkg	Min Qty	Case Qty	List Price
		A	B	C					
869-S3A	3" ABS Backwater Valve	5½"	8⅝"	¼"	EA	B*	4	4	34.00 EA
869-S3APK	3" ABS Backwater Valve	5½"	8⅝"	¼"	EA	C*	2	2	36.25 EA
869-S3AS	3" ABS Backwater Valve with 16" Shallow Access Sleeve Kit	5½"	8⅝"	¼"	EA	B*	1	1	48.00 EA
869-S3P	3" PVC Backwater Valve	5½"	8⅝"	¼"	EA	B*	4	4	34.00 EA
869-S3PPK	3" PVC Backwater Valve	5½"	8⅝"	¼"	EA	C*	2	2	36.25 EA
869-S3PS	3" PVC Backwater Valve with 16" Shallow Access Sleeve Kit	5½"	8⅝"	¼"	EA	B*	1	1	48.00 EA
869-S4A	4" ABS Backwater Valve	6½"	10⅛"	⅜"	EA	B*	4	4	43.25 EA
869-S4APK	4" ABS Backwater Valve	6½"	10⅛"	⅜"	EA	C*	2	2	46.75 EA
869-S4AS	4" ABS Backwater Valve with 16" Shallow Access Sleeve Kit	6½"	10⅛"	⅜"	EA	B*	1	1	55.00 EA
869-S4P	4" PVC Backwater Valve	6½"	10⅛"	⅜"	EA	B*	4	4	43.25 EA
869-S4PPK	4" PVC Backwater Valve	6½"	10⅛"	⅜"	EA	C*	2	2	46.75 EA
869-S4PS	4" PVC Backwater Valve with 16" Shallow Access Sleeve Kit	6½"	10⅛"	⅜"	EA	B*	1	1	55.00 EA
	ACCESSORIES & REPLACEMENT PARTS								
869-S4ADB	Upper & Lower Deep-Bury Adapters – ABS†				EA	B*	1	1	51.50 EA
869-S4PDB	Upper & Lower Deep-Bury Adapters – PVC†				EA	B*	1	1	51.50 EA
869-SF3	Flapper & Carrier for 3" Backwater Valve				EA	B*	10	10	9.00 EA
869-SF4	Flapper & Carrier for 4" Backwater Valve				EA	B*	10	10	10.25 EA
869-SSL	Turn-Lock Collar & Lid for 16" Shallow Access Sleeve				EA	B*	4	4	9.25 EA
869-SSK	Shallow Access Sleeve Kit – Collar/Sleeve/Lid				EA	B*	10	10	31.00 EA
869-SVLB	Threaded Lid for Backwater Valve, Black W/ O-Ring				EA	B*	10	10	6.25 EA
869-SVLW	Threaded Lid for Backwater Valve, White W/ O-Ring				EA	B*	10	10	6.25 EA

† For use with 3" or 4" backwater valves purchased separately





869-6P

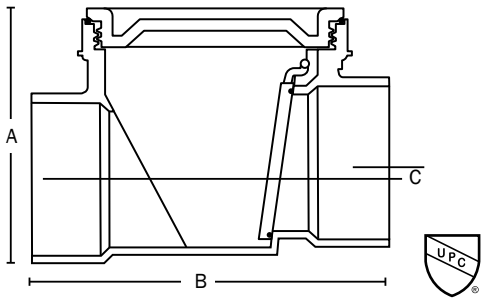


869-2P

DWV Backwater Valve

PVC or ABS Solvent Weld Connection

- Threaded access seals hand-tight and allows for easy maintenance and inspection
- 6" backwater valve extensions – use 10" Sch. 40 pipe (not included)
- For GRAVITY FLOW applications only
- Do not install vertically
- UPC/IAPMO listed



Item No	Description	Dimensions			Pkg	Min Qty	Case Qty	List Price
		A	B	C				
869-2P	2" PVC valve	4⅛"	5⅛"	¼"	B	1	8	32.50 EA
869-2A	2" ABS valve	4⅛"	5⅛"	¼"	B	1	8	32.50 EA
869-6P	6" PVC valve	9¾"	15⅜"	⅜"	B	1	1	185.00 EA
869-6A	6" ABS valve	9¾"	15⅜"	⅜"	B	1	1	185.00 EA
	REPLACEMENT PARTS							
869-23	Extension sleeve kit for 2" valve includes sleeve, locking collar and lid				B	1	1	52.50 EA
869-6A1	6" black ABS threaded lid				B	1	2	33.00 EA
869-6P1	6" white PVC threaded lid				B	1	2	33.00 EA
869-60	O-ring for 6" threaded lid				B	1	10	12.50 EA
869-61	Flapper and o-ring for 6" valve				B	1	10	25.50 EA
869-63	Extension sleeve lid for 6" valve				B	1	15	35.75 EA

Backup Float Valve

- Insert valve into pipe below drain and tighten screws



803-2PK2

Item No	Description	Pkg	Min Qty	Case Qty	List Price
803-2PK2	2" Backup float valve, bagged	C*	12	12	37.00 EA
803-3PK2	3" Backup float valve, bagged	C*	12	12	24.25 EA
803-4PK2	4" Backup float valve, bagged	C*	12	12	28.50 EA

AIR ADMITTANCE VALVES

TURBOVENT™

ACCESSORIES

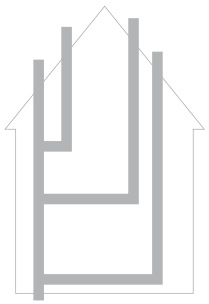




1.5" CONNECTION

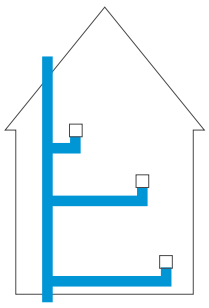
2" CONNECTION

Traditional Venting



A network of DWV pipes, fittings and hangers are used to vent every fixture or group of fixtures throughout a building. Vent pipes penetrate the roof in multiple locations to vent sewer gases, maintain trap seals and prevent pressure fluctuations.

TurboVenting



Using a TurboVent on individual fixtures or groups of fixtures saves on costly labor and extra materials, with no sacrifice to the functioning of the drain, waste and venting system.

TurboVent™

Air Admittance Valve

Self-Cleaning

The TurboVent™ Air Admittance Valve (AAV) is the only AAV on the market with a self-cleaning internal mechanism. Each time the valve activates to allow air into the DWV system, the mechanism spins. This spinning moves and scours the sealing surface, which ensures a good seal with each activation.

Installation Savings

Compared to traditional plumbing vent installations that penetrate through the roof, using the TurboVent AAV reduces labor and material costs. Additionally, fewer roof penetrations mean fewer potential roof leaks.

Engineered Performance

The open vent design enables the valve mechanism to quickly respond when activated, letting air into the DWV system and preventing sewer gas from entering the living area.

The dual fit 1-1/2" to 2" Hub x 2" FIP combination adapter is designed to glue over 1-1/2" or 2" pipe and conforms to national and local code standards for proper DWV fitting installations.

Single Sealing Surface

Compared to other AAVs, the TurboVent has a single sealing surface instead of a dual sealing surface, making the TurboVent less likely to fail.

Sizing

TurboVent AAVs are sized to accommodate common **Drainage Fixture Unit** (DFU) requirements as marked on the top of each unit and listed on our buying information table. The TurboVent can be used in branch or stack venting applications.

Be sure to verify that the application is consistent with minimum standards for piping installations and drainage output of the appliance or fixture to be vented. Consult all local codes prior to installation.

Tested & Certified

- Certified by ASSE to 1050 and 1051
- Listed by IAPMO (classified listing)
- Conforms to ASTM D2661 / D2665 / F409 for packages with drainage adapters
- Meets requirements of:
  International Plumbing Code (IPC) 2009 917.1
  International Residential Code (IRC) 2009
  Uniform Plumbing Code (UPC) 2009 Section 301.2
  State of Wisconsin

ASSE 1050/1051 IPC IAPMO WISCONSIN STATE APPROVED

TurboVent™

Air Admittance Valve

- Actuating device within the unit spins with each activation, keeping the seal free of dust and debris
- Quick opening air valve at 0.01" negative pressure. Positive seal with 13 PSIG of back-pressure
- Each unit is available with DWV adapter
- Protective debris cover ships with each unit
- New contractor packs available



250-122PB



The Ox Box provides a clean, professional looking way to access the TurboVent, while the louvered cover provides the perfect finished look.



250-12A

Item No	Description	Sch. 40 Hub Connection	Max DFUs		Pkg	Min Qty	Case Qty	List Price
			Stack	Branch				
	TURBOVENT LESS ADAPTER							
250-11	TurboVent only – 1½" MIP thread – contractor pack 6/bag	—	8	20	B	1	4	94.80 BG
250-12	TurboVent only – 2" MIP thread– contractor pack 6/bag	—	24	160	B	1	4	94.80 BG
	PVC							
250-11P	TurboVent with adapter – individually boxed	1½"	8	20	B*	1	6	21.50 EA
250-11PC	TurboVent with adapter – contractor pack 6/bag	1½"	8	20	B	1	8	103.50 BG
250-11TW	TurboVent with adapter & tubular waste arm extension	1½"	8	20	C*	1	6	26.50 EA
250-12P	TurboVent with adapter – individually boxed	2"	24	160	B*	1	6	22.50 EA
250-12PC	TurboVent with adapter – contractor pack 6/bag	2"	24	160	B	1	8	103.50 BG
250-122PB	TurboVent with dual fit adapter – bulk	1½"-2"	8/24[1]	20/160[2]	B*	50	50	16.75 EA
250-122PC	TurboVent with dual fit adapter – contractor pack 6/bag	1½"-2"	8/24[1]	20/160[2]	B	1	8	103.50 BG
250-696122P	TurboVent with dual fit adapter & Ox Box kit[3]	1½"-2"	8/24[1]	20/160[2]	B*	1	6	28.50 EA
250-696R122P	TurboVent with dual fit adapter & fire rated Ox Box kit[3]	1½"-2"	8/24[1]	20/160[2]	B*	1	6	72.50 EA
696-11P	TurboVent with adapter & Ox Box kit[3]	1½"	8	20	B*	1	6	29.50 EA
696-12P	TurboVent with adapter & Ox Box kit[3]	2"	24	160	B*	1	6	30.50 EA
	ABS							
250-11A	TurboVent with adapter – individually boxed	1½"	8	20	B*	1	6	21.50 EA
250-11AC	TurboVent with adapter – contractor pack 6/bag	1½"	8	20	B	1	8	103.50 BG
250-12A	TurboVent with adapter – individually boxed	2"	24	160	B*	1	6	22.50 EA
250-12AC	TurboVent with adapter – contractor pack 6/bag	2"	24	160	B	1	8	103.50 BG
250-122AB	TurboVent with dual fit adapter – bulk	1½"-2"	8/24[1]	20/160[2]	B*	50	50	16.75 EA
250-122AC	TurboVent with dual fit adapter – contractor pack 6/bag	1½"-2"	8/24[1]	20/160[2]	B	1	8	103.50 BG
250-11TB	TurboVent with adapter & tubular waste arm extension	1½"	8	20	C*	1	6	26.50 EA
250-696122A	TurboVent with dual fit adapter & Ox Box kit[3]	1½"-2"	8/24[1]	20/160[2]	B*	1	6	28.50 EA
250-696R122A	TurboVent with dual fit adapter & fire rated Ox Box kit[3]	1½"-2"	8/24[1]	20/160[2]	B*	1	6	72.50 EA
696-11A	TurboVent with adapter & Ox Box kit[3]	1½"	8	20	B*	1	6	29.50 EA
696-12A	TurboVent with adapter & Ox Box kit[3]	2"	24	160	B*	1	6	30.50 EA
	ACCESSORIES							
696-7	Ox Box – single box with hole for 2" Sch. 40 pipe				B	10	10	5.00 EA
696-1F	Single frame for Ox Box				B	10	10	2.00 EA
696-LC	Louvered cover				B	10	10	4.00 EA
842-712A	ABS 1½"-2" hub × 2" FIP dual fit adapter				B	10	10	2.50 EA
842-712P	PVC 1½"-2" hub × 2" FIP dual fit adapter				B	10	10	2.50 EA

[1] 8 DFU when on 1-1/2" pipe, 24 DFU when on 2" pipe
[2] 20 DFU when on 1-1/2" pipe, 160 DFU when on 2" pipe
[3] Kit includes Ox Box, frame, and louvered cover

Notes

RESIDENTIAL ACCESSORIES

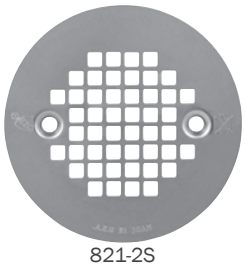
REPLACEMENT STRAINERS

SMART SADDLE™

MISCELLANEOUS

Replacement Strainers for Drains

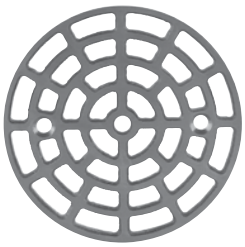
Fits: 821 Series, 825 Series, 827 Series, 828 Series, 829 Series, 840 Series



821-2S



827-2S



821-2SN



821-2SRBQ

	Item No	Finish	Diameter	Free Area (in^2)	Screw Centers	Pkg	Min Qty	Case Qty	List Price
	19 GAUGE STRAINER WITH SCREWS								
	821-2S	Stainless steel	4¼"	2.95	2⅝"	B*	1	100	3.00 EA
	821-2SP	PVD brass	4¼"	2.95	2⅝"	B*	1	100	9.50 EA
	821-2SW	White enamel	4¼"	2.95	2⅝"	B*	1	100	8.50 EA
	821-2RB	Oil-rubbed bronze	4¼"	2.95	2⅝"	B*	1	100	13.00 EA
	825-2SN	Satin finish	4¼"	2.95	2⅝"	B*	1	100	13.50 EA
	821-2SPK1	Stainless steel	4¼"	2.95	2⅝"	C*	10	10	4.20 EA
	19 GAUGE STRAINER WITH SNAP-IN FINGERS								
	827-2S	Stainless steel	4¼"	2.95	—	B*	1	100	2.50 EA
	827-2SP	PVD brass	4¼"	2.95	—	B*	1	100	8.50 EA
	827-2RB	Oil-rubbed bronze	4¼"	2.95	—	B*	1	100	12.00 EA
	827-2SN	Satin finish	4¼"	2.95	—	B*	1	100	12.00 EA
	827-2SPK1	Stainless steel	4¼"	2.95	—	C*	10	10	3.70 EA
	827-2SPPK1	PVD brass	4¼"	2.95	—	C*	10	10	9.70 EA
	827-2SWPK1	White enamel	4¼"	2.95	—	C*	6	6	9.70 EA
	827-2RBPK1	Oil-rubbed bronze	4¼"	2.95	—	C*	6	6	13.20 EA
	827-2SNPK1	Satin finish	4¼"	2.95	—	C*	6	6	13.20 EA
	CAST STRAINER WITH SCREWS								
	821-2SN	Nickel bronze, round	4"	4.5	2⅝"	B*	1	10	17.50 EA
	821-2SRB	Oil-rubbed bronze, round	4"	4.5	2⅝"	B*	1	10	47.50 EA
	821-2SS	304 stainless, round	4"	4.5	2⅝"	B*	1	10	17.50 EA
	CAST RING & STRAINER WITH SCREWS								
	821-2SNRPK1	Nickel bronze, round	4½"	4.5	2⅝"	C*	6	6	28.50 EA
	821-2SNQ	Nickel bronze, square	4½"	7.6	2⅝"	B*	1	10	38.50 EA
	821-2SRBRPK1	Oil-rubbed bronze, round	4½"	4.5	2⅝"	C*	6	6	58.50 EA
	821-2SRBQ	Oil-rubbed bronze, square	4½"	7.6	2⅝"	B*	1	10	68.50 EA
	821-2SSR	304 stainless, round	4½"	4.5	2⅝"	B*	1	10	28.50 EA
	821-2SSQ	304 stainless, square	4½"	7.6	2⅝"	B*	1	10	38.50 EA
NEW	821-2SCR	Polished stainless, round	4½"	4.5	2⅝"	B*	1	10	37.50 EA
NEW	821-2SCQ	Polished stainless, square	4½"	4.5	2⅝"	B*	1	10	47.50 EA

Replacement Strainers for Drains

Fits: 826 Series



826-2S

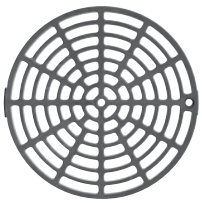
Item No	Finish	Diameter	Free Area (in^2)	Pkg	Min Qty	Case Qty	List Price
18 GAUGE STRAINER WITH SNAP-IN FINGERS							
826-2S	Stainless steel	4¼"	3.38	B	1	100	5.00 EA
826-2SP	Polished brass	4¼"	3.38	B	1	100	18.50 EA

Replacement Strainers for Drains

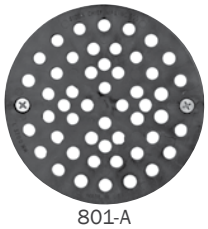
Fits: Weld One™, Quad Drain™

Item No	Color	Diameter	Free Area (in^2)	Thickness	Screw Centers	Pkg	Min Qty	Case Qty	List Price
NEW PATTERN POLYPRO STRAINER FOR WELD ONE & QUAD DRAIN									
801-P2	White	6⅛"	14.25	7/16"	—	B*	1	25	5.00 EA
801-P2PK†	White	6⅛"	14.25	7/16"	—	B*	10	10	5.27 EA
801-A2	Black	6⅛"	14.25	7/16"	—	B*	1	25	5.00 EA
801-A2PK†	Black	6⅛"	14.25	7/16"	—	B*	10	10	5.27 EA
801-PG2	Gray	6⅛"	14.25	7/16"	—	B*	1	25	5.00 EA
801-PG2PK†	Gray	6⅛"	14.25	7/16"	—	B*	10	10	5.27 EA
OLD PATTERN POLYPRO STRAINER FOR WELD ONE & QUAD DRAIN									
801-P	White	6¾"	6.6	⅜"	5½"	B*	1	25	5.00 EA
801-PPK†	White	6¾"	6.6	⅜"	5½"	C*	10	10	5.27 EA
801-A	Black	6¾"	6.6	⅜"	5½"	B*	1	25	5.00 EA
801-APK†	Black	6¾"	6.6	⅜"	5½"	C*	10	10	5.27 EA

† Screws not included



801-PG2



801-A

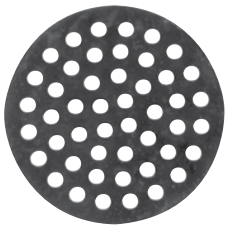
Item No	Material	Shape	Diameter	Free Area (in^2)	Thickness	Screw Centers	Pkg	Min Qty	Case Qty	List Price
METAL RING & STRAINER FOR WELD ONE & QUAD DRAIN										
801-NR2	Ni-brnz	Round	6½"	11.75	3/16"	4⅞"	B*	1	10	40.75 EA
801-NQ2	Ni-brnz	Square	7"	16.4	3/16"	4⅞"	B*	1	10	65.75 EA
801-SR2	304 Stainless	Round	6½"	11.75	3/16"	4⅞"	B*	1	10	40.75 EA
801-SQ2	304 Stainless	Square	7"	16.4	3/16"	4⅞"	B*	1	10	65.75 EA
801-DR2	Ductile iron	Round	6½"	13.25	3/16"	4⅞"	B*	1	10	20.75 EA



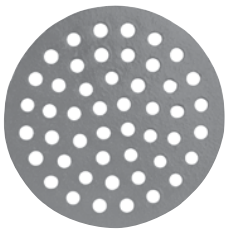
801-DR2

Replacement Strainers for Drains

Fits: Pittsburgh Style Drain
St. Louis Style Drain
Philadelphia Style Vent Cap



844-S4



844-02G

Item No	Material	Diameter	Free Area (in^2)	Thickness	Pkg	Min Qty	Case Qty	List Price
PITTSBURGH STYLE DRAIN STRAINER								
844-S4	Epoxy-coated cast iron	6¾"	7.13	⅜"	B*	1	10	7.25 EA
ST. LOUIS STYLE DRAIN STRAINER								
844-02G	Epoxy-coated cast iron	4 7/16"	4.54	⅜"	B*	1	10	5.50 EA
844-0G	Epoxy-coated cast iron	6⅜"	6.50	⅜"	B*	1	10	7.50 EA
844-04G	Epoxy-coated cast iron	8⅝"	11.00	⅜"	B*	1	10	15.50 EA
PHILADELPHIA STYLE VENT CAP								
869-SV4	Epoxy-coated with set screw	6"	—	11/16"	B*	10	10	13.25 EA

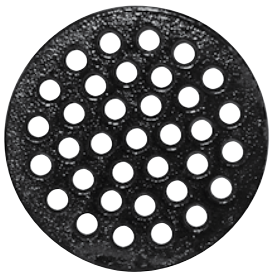


869-SV4

Cast Iron Strainer

General Purpose

- Cast iron strainers are ¼" thick and epoxy-coated for corrosion-resistance

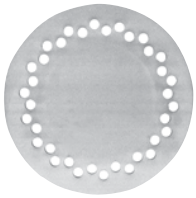


846-S7PK

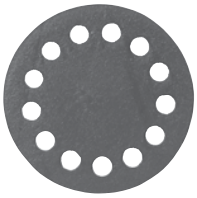
Item No	Diameter	Pkg	Min Qty	Case Qty	List Price
846-S1PK	4⅜"	C*	3	3	4.50 EA
846-S3PK	5"	C*	3	3	4.75 EA
846-S5PK	6"	C*	3	3	7.25 EA
846-S7PK	6¼"	C*	3	3	7.75 EA
846-S9PK	6½"	C*	3	3	8.50 EA
846-S11PK	6⅝"	C*	3	3	9.00 EA
846-S13PK	6⅞"	C*	3	3	9.75 EA
846-S15PK	7"	C*	3	3	10.00 EA
846-S17PK	8"	C*	3	3	12.75 EA
846-S19PK	8⅞"	C*	3	3	17.50 EA

Replacement Strainers for Drains

Fits: 866 Series Bell Trap Drains



866-2S



866-S3i

Item No	Material	Drain Top Dimension	Strainer Diameter	Thickness	Pkg	Min Qty	Case Qty	List Price
866-2S	PVC	6"	4⁹⁄₁₆"	⅜"	B*	1	20	6.25 EA
866-3S	PVC	9"	7¾"	⅜"	B*	1	20	9.00 EA
866-S2i	Cast iron	6"	4⅞"	⅛"	B*	2	2	7.50 EA
866-S3i	Cast iron	9"	6¾"	⁵⁄₁₆"	B*	2	2	12.50 EA
866-2SPK	PVC	6"	4⁹⁄₁₆"	⅜"	C*	5	5	7.75 EA

Pipe Bore Adapter

- Extruded flexible PVC adapter connects any 6" nominal bore to 4" iron or plastic pipe



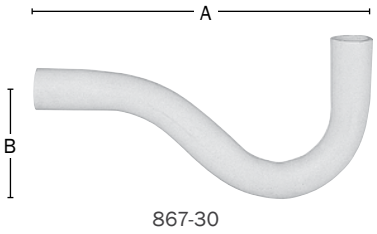
880

Item No	Description	Pkg	Min Qty	Case Qty	List Price
880	4" to 6" rolling o-ring adapter	B	25	25	6.75 EA

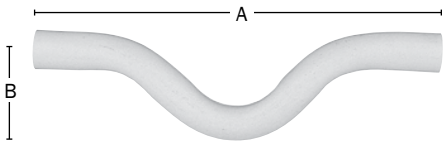
Condensate Trap

P Trap or Running Trap

- One piece ¾" Sch. 40 PVC trap saves fittings and job costs when trapping condensate lines



867-30



867-35

Item No	Description	Dimensions		Pkg	Min Qty	Case Qty	List Price
		A	B				
867-30	P trap	8"	2½"	B	50	50	3.10 EA
867-35	Running trap	10¾"	2"	B	25	25	3.10 EA
867-30PK	P trap	8"	2½"	C*	25	25	3.22 EA
867-35PK	Running trap	10¾"	2"	C*	25	25	3.22 EA



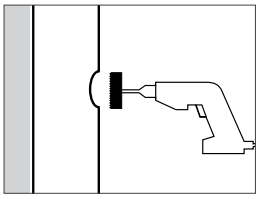
891-0312P

Smart Saddle™

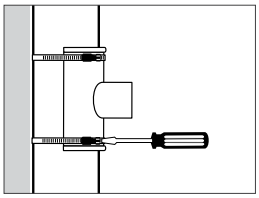
DWV Saddle Tee Fitting

- Compact design is perfect when DWV stacks are close to walls or other obstructions
- Stainless steel bands take up less room than V-bolts or U-bolts and provide even torque, eliminating stress points which can damage pipe and create a poor seal
- Corrosion-resistant

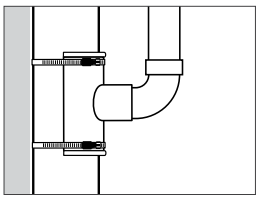
Cut a hole in stack that matches the I.D. of the inlet branch I.D. on the Smart Saddle™.



Apply glue (or silicone for cast iron stacks), align holes on stack and inlet branch, and install stainless steel bands.



Glue appropriate pipe or fitting to the inlet branch.



PVC Item No	ABS Item No	Trunk	Inlet Branch	Pkg	Min Qty	Case Qty	List Price
891-0312P	891-0312A	3" Sch. 40 trunk	1½" hub × 2" spigot	C*	5	5	13.25 EA
891-033P	—	3" Sch. 40 trunk	3" hub × 4" inside fit	C*	5	5	14.00 EA
891-0412P	891-0412A	4" Sch. 40 trunk	1½" hub × 2" spigot	C*	5	5	14.25 EA
891-043P	—	4" Sch. 40 trunk	3" hub × 4" inside fit	C*	5	5	15.50 EA
891-044P	—	4" Sch. 40 trunk	4" hub	C*	5	5	15.75 EA

TESTING

TEST DEVICES

Test Titan™
T-Cone™
Hand Tite™
Tee Pee™
Inflatable Test Tee Plug
Inflatable Test Plug
Grip Tip™
Miscellaneous Plugs/Caps

GAUGES & ACCESSORIES

Pressure Gauges
Test Assemblies
Hand Pump

Testing



Test Titan™
Mechanical Test Plug
p 408



T-Cone™
Expandable Pipe Plug
p 409



Tee Pee™
Mechanical Test Tool
p 410



Inflatable Test Tee Plug
p 411



Inflatable Test Plug
p 411



Grip Tip™
Test Plug/Test Cap
p 412



Flexible PVC Test Cap
p 413



Knockout Test Plug & Cap
p 413



Quick Plug™
Trap Adapter Test Plug
p 413



Pressure Gauges
p 416



Test Assemblies
p 416



High-Pressure Hand Pump
p 416

Packaging: **B** = Bulk **C** = Cut Case * Individually Bar-Coded

TEST DEVICES

TEST TITAN™

T-CONE™

HAND TITE™

TEE PEE™

INFLATABLE TEST TEE PLUG

INFLATABLE TEST PLUG

GRIP TIP™

MISCELLANEOUS PLUGS/CAPS

Test Titan™

Mechanical Test Plug

- Proven performance, improved design
- For use in both pipe end and cleanout threads – size specific
- Hollow, male hose thread stem allows for fill/drain through the plug
- Non-slip shoulder prevents spinning
- 100% non-corrosive, strong and durable



882-3

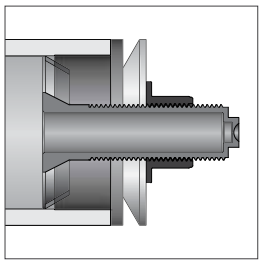


882-3P



882-115

Fill & drain valve connects male garden hose thread to Test Titan stem. Fill through the stem and close valve to hold test. Attach hose and open valve for controlled drain-down.



Fill and drain the system through the Test Titan's™ hollow stem.



Use a 9⁄16" drill bit or cut off the tip with a hacksaw to access the hollow stem.



Stem thread is ¾" male hose thread. Connects easily to a standard garden hose.

The Pneumatic Test Titan, with an integral brass air valve, makes air testing faster and easier. Stay clear of plug while under pressure.



Polypro wingnut, ABS disc and stem, soft PVC gasket – simple and durable.



Related Products
High-Pressure Hand Pump *p 414*

Item No	Size	DWV Pipe	FIP Threads	Pkg	Min Qty	Case Qty	List Price
PIPE & CLEANOUT TEST PLUG							
882-1	1½"	✓	✓	C*	10	10	3.50 EA
882-2	2"	✓	✓	C*	10	10	3.50 EA
882-3	3"	✓	✓	C*	10	10	5.25 EA
882-35	3½"		✓	C*	10	10	6.50 EA
882-4	4"	✓		C*	10	10	6.50 EA
882-41	4"		✓	C*	10	10	8.50 EA
PNEUMATIC TEST PLUG WITH AIR VALVE							
882-1P	1½"	✓	✓	B	10	10	13.50 EA
882-2P	2"	✓	✓	B	10	10	13.50 EA
882-3P	3"	✓	✓	B	10	10	15.25 EA
882-4P	4"	✓		B	10	10	16.50 EA
ACCESSORIES							
882-115	Brass fill & drain valve — FSHT × FSHT			B	1	25	20.00 EA

T-Cone™

Expandable Pipe Plug

- Easy to install and remove
- Tighten with a crescent wrench
- No metal parts to rust



882-ST302

Item No	Description	Plug Gasket O.D.	Pkg	Min Qty	Case Qty	List Price
	SCH. 40 PIPE BARREL PLUG					
882-ST152	1½" raised-head pipe plug	1.61"	B	10	100	4.15 EA
882-ST202	2" raised-head pipe plug	2.067"	B	10	100	4.15 EA
882-CS202	2" flush-head pipe plug	2.067"	B	10	100	4.15 EA
882-ST302	3" raised-head pipe plug	3.068"	B	10	100	4.95 EA
882-CS302	3" flush-head pipe plug	3.068"	B	10	100	4.95 EA
882-ST402	4" raised-head pipe plug	4.026"	B	10	100	7.85 EA
882-CS402	4" flush-head pipe plug	4.026"	B	10	100	7.85 EA
882-ST602	6" raised-head pipe plug	6.065"	B	10	10	12.30 EA
882-ST802	8" raised-head pipe plug	7.981"	B	10	10	25.48 EA
	SCH. 40 HUB PLUG					
882-ST300	3" raised-head socket plug	3.50"	B	10	100	6.05 EA
	FIP CLEANOUT PLUG					
882-EB152	1½" raised-head cleanout plug	1.78"	B	10	100	4.15 EA
882-EB220	2" raised-head cleanout plug	2.255"	B	10	100	4.15 EA
882-EB320	3" raised-head cleanout plug	3.378"	B	10	100	6.65 EA
882-EB350	3½" raised-head cleanout plug	3.85"	B	10	100	8.05 EA
882-EB420	4" raised-head cleanout plug	4.336"	B	10	100	9.05 EA

Hand Tite™

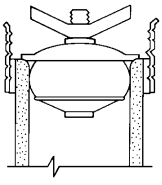
Mechanical Test Plug

- For 4" – 6" models, use ¾" male garden hose thread adapter and drill-out wall on stem for water or air by-pass tests
- For 8" model, tap stem ½" NPT and drill through bulk head to allow for water or air by-pass tests
- Nylon body and ASTM 361 rubber gasket



882-96

Item No	Description	Pkg	Min Qty	Case Qty	List Price
882-95	5" large diameter test plug	B	1	30	27.50 EA
882-96	6" large diameter test plug	B	1	30	30.00 EA
882-98	8" large diameter test plug	B	1	12	65.00 EA



Tee Pee™

Mechanical Test Tool

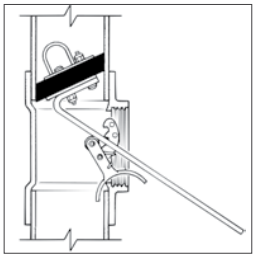
- Designed to work on cast iron as well as plastic pipe waste systems
- No couplings to install and remove
- Perfect for high rise construction – will hold 14 floors of pressure
- Completely mechanical device – no air compressor/pump required
- Replacement seals available
- Not recommended for installations where temperatures are below 32°F
- 6" and 8" tools must be retrofitted with legs (included) for Charlotte pipe tees



881-54



881-64



Insert into pipe through test tee. Lock in place for test. When test is complete, release with no water spillage.

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	CLEANOUT TEE TEST TOOL				
881-52	2" mechanical test tool	B	1	5	55.00 EA
881-53	3" mechanical test tool	B	1	5	62.50 EA
881-54	4" mechanical test tool	B	1	1	72.50 EA
881-56	6" mechanical test tool	B	1	1	200.00 EA
881-58	8" mechanical test tool	B	1	1	425.00 EA
881-510	10" mechanical test tool	B	1	1	550.00 EA
	WYE TEST TOOL				
881-63	3" wye mechanical test tool	B	1	1	88.28 EA
881-64	4" wye mechanical test tool	B	1	1	102.80 EA
881-66	6" wye mechanical test tool	B	1	1	224.35 EA
	PLUG REPLACEMENT SEAL				
881-01-2	2" plug replacement seal	B	5	5	22.50 EA
881-01-3	3" plug replacement seal	B	5	5	30.00 EA
881-01-4	4" plug replacement seal	B	5	5	37.50 EA
881-01-6	6" plug replacement seal	B	1	5	55.00 EA
881-01-8	8" plug replacement seal	B	2	2	67.50 EA
881-01-10	10" plug replacement seal	B	1	1	125.00 EA

Inflatable Test Tee Plug

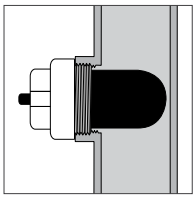
- Threads into test tee for safety
- No test water backsplash
- Seals the branch and run portions of the tee at the same time
- No need for thread sealant



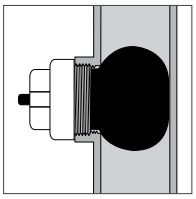
882-TT2

Related Products
High-Pressure Hand Pump *p 414*

Item No	Description	Inflation Pressure	Max Back Pressure	Pkg	Min Qty	Case Qty	List Price
882-TT2	2" inflatable plug	40 PSIG	5 PSIG air 30 ft. hd. water	B*	1	10	45.05 EA
882-TT3	3" inflatable plug	40 PSIG	5 PSIG air 30 ft. hd. water	B*	1	1	50.08 EA
882-TT4	4" inflatable plug	40 PSIG	5 PSIG air 30 ft. hd. water	B*	1	1	57.85 EA



Insertion



Inflation and Use

Inflatable Test Plug

- Long and short models enable testing on any DWV system 1¼" – 6"
- Superior design – concave bottom increases contact area and reduces the likelihood of plug blowout
- Bell shaped ribs for superior seal, even if plug is installed at an angle
- Zinc-plated ring and durable cable for easy removal after deflation



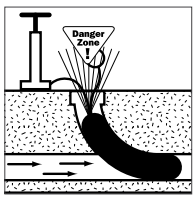
882-ES34

Related Products
High-Pressure Hand Pump *p 416*

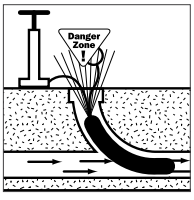
Item No	Description	Pipe Diameter	Inflation Pressure (PSIG)	Max Back Pressure	Pkg	Min Qty	Case Qty	List Price
SINGLE-STAGE PLUG								
882-ES12	1½"–2" × 5½" long	1.17" min 2.25" max	45	5 PSIG air 30 ft head water	B*	1	1	45.00 EA
882-ES23	2"–3" × 5" long	1.75" min 3.25" max	45	5 PSIG air 30 ft head water	B*	1	1	47.50 EA
882-ES34	3"–4" × 7¼" long	2.88" min 4.25" max	40	5 PSIG air 30 ft head water	B*	1	1	47.50 EA
882-ES46	4"–6" × 10¼" long	3.77" min 6.25" max	35	5 PSIG air 30 ft head water	B*	1	1	107.50 EA
DUAL-STAGE PLUG								
882-EL23	2"–3" × 22" long	1.75" min 3.25" max	45	10 PSIG air 30 ft head water	B*	1	1	125.00 EA
882-EL34	3"–4" × 25" long	2.88" min 4.25" max	40	10 PSIG air 30 ft head water	B*	1	1	150.00 EA
882-EL46	4"–6" × 29½" long	3.77" min 6.25" max	35	10 PSIG air 30 ft head water	B*	1	1	300.00 EA



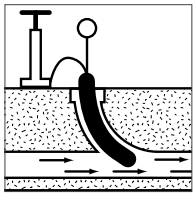
Insertion



Inflation & Use



Deflation



Removal

Grip Tip™

Test Cap & Test Plug

Patent # 6,769,291

- Tip acts as a handle while applying glue and can be snipped to allow filling and bleeding with water or air for testing
- Deeper glue surface ensures a good seal, especially on unevenly cut pipe
- Durable, ABS may be glued to pipe with all-purpose glue
- High-visibility models make installed plugs and caps easy to see for ensured removal
- Test nipple is 5/8" O.D. for connection to compression fittings



880-82



881-13



881-02H



881-02A

Always use a 5/8" poly ferrule (supplied) when attaching compression fittings to the Grip Tip™.



Caps and plugs are available in magenta (hot pink) for better visibility





Remove Tip



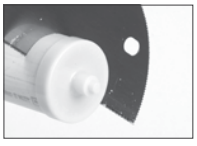
Air Test



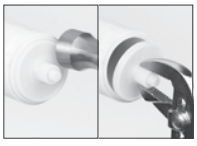
Water Test



Ground-Rough Head Tests



Saw Off Cap



Knock Out & Remove Plug

Item No	Description	Color	Pkg	Min Qty	Case Qty	List Price
	TEST CAP					
880-81	1½" test cap	white	B	25	200	0.35 EA
880-82	2" test cap	white	B	25	100	0.41 EA
880-83	3" test cap	white	B	10	50	0.64 EA
880-84	4" test cap	white	B	10	50	0.78 EA
880-81C	1½" test cap	magenta	B	25	200	0.38 EA
880-82C	2" test cap	magenta	B	25	100	0.43 EA
880-83C	3" test cap	magenta	B	10	50	0.66 EA
880-84C	4" test cap	magenta	B	10	50	0.80 EA
880-81PK	1½" test cap	white	C*	50	50	0.51 EA
880-82PK	2" test cap	white	C*	50	50	0.57 EA
880-83PK	3" test cap	white	C*	25	25	0.72 EA
880-84PK	4" test cap	white	C*	25	25	0.90 EA
	TEST PLUG					
881-10	1½" test plug	white	C*	25	200	0.33 EA
881-12	2" test plug	white	C*	25	100	0.38 EA
881-13	3" test plug	white	C*	10	50	0.51 EA
881-14	4" test plug	white	C*	10	50	0.68 EA
881-10C	1½" test plug	magenta	C*	25	200	0.35 EA
881-12C	2" test plug	magenta	C*	25	100	0.40 EA
881-13C	3" test plug	magenta	C*	10	50	0.53 EA
881-14C	4" test plug	magenta	C*	10	50	0.70 EA
	TESTING ACCESSORIES					
881-02A	Air test fitting, 15 PSI gauge 5/8" O.D. comp × air filler valve		B	1	10	27.50 EA
881-02H	Water test valve 5/8" O.D. comp × female swivel hose thread		B	1	25	17.00 EA
881-02FP	Replacement 5/8" poly ferrule		B	100	1000	0.59 EA

Flexible PVC Test Cap

- Can be reused or permanent
- Stainless steel clamp



880-3

Item No	Description	Pkg	Min Qty	Case Qty	List Price
880-1	1½" flexible PVC test cap	B	25	25	2.90 EA
880-2	2" flexible PVC test cap	B	25	25	3.40 EA
880-3	3" flexible PVC test cap	B	25	25	4.45 EA
880-4	4" flexible PVC test cap	B	25	25	5.40 EA

Knockout Test Plug & Cap

- Standard knockout test plugs solvent weld into PVC or ABS Sch. 40 pipe
- Dual fit knockout test caps solvent weld over 1½" and 2", or 3" and 4" PVC or ABS Sch. 40 pipe



881-3



Suggested Product
Grip Tip test plug/cap *p 412*



880-012

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD KNOCKOUT TEST PLUG				
881-1	1½" plug	B	100	1000	0.29 EA
881-2	2" plug	B	100	1000	0.36 EA
881-3	3" plug	B	50	500	0.53 EA
881-4	4" plug	B	50	500	0.62 EA
	DUAL FIT KNOCKOUT TEST CAP				
880-012	1½" and 2" Sch. 40 cap	B	100	500	0.74 EA
880-034	3" and 4" Sch. 40 cap	B	50	250	1.22 EA

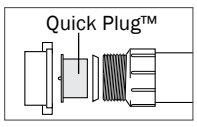
Quick Plug™

1½" Trap Adapter Test Plug

- Eliminates traditional test plugs
- Allows you to fit the trap adapter tightly against the wall for a clean, professional look
- Requires use of 1½" slip joint washer



234-QP



Works with any 1½" trap adapter. Allows installation of the trap adapter during rough-in. No more getting glue and cleaner inside the vanity.

Item No	Description	Pkg	Min Qty	Case Qty	List Price
234-QP	1½" trap adapter test plug	B	25	100	0.80 EA

Notes

GAUGES & ACCESSORIES

PRESSURE GAUGES

TEST ASSEMBLIES

HAND PUMP

Pressure Gauges

- 2" diameter steel case
- WOG gauges have 1/4" MIP connection



355-30PK1



355-05PK2



356-100PK1

Item No	Description	Pkg	Min Qty	Case Qty	List Price
	GAS TEST GAUGE ASSEMBLY				
355-15PK1	0–15 lb. gas test fitting, ¾" FIP connection, clamshell	C*	1	10	25.00 EA
355-30PK1	0–30 lb. gas test fitting, ¾" FIP connection, clamshell	C*	1	10	25.00 EA
355-60PK1	0–60 lb. gas test fitting, ¾" FIP connection, clamshell	C*	1	10	25.00 EA
355-05PK2	Air valve fitting only, ¾" FIP connection, clamshelll	C*	1	10	9.00 EA
	WOG PRESSURE GAUGE				
360-15PK1	0-15 PSI pressure gauge 1/2 lb. grad, clamshell	C*	1	10	11.25 EA
356-30PK1	0–30 PSI pressure gauge ½ lb. grad, clamshell	C*	1	10	11.25 EA
356-60PK1	0–60 PSI pressure gauge 1 lb. grad, clamshell	C*	1	10	11.25 EA
356-100PK1	0–100 PSI pressure gauge 1 lb. grad, clamshell	C*	1	10	11.25 EA
356-160PK1	0–160 PSI pressure gauge 2 lb. grad, clamshell	C*	1	10	11.25 EA
356-300PK1	0–300 PSI pressure gauge 10 lb. grad, clamshell	C*	1	10	11.25 EA

Test Assemblies

Combination Air & Water

- ¾" female hose swivel
- Schrader valve and ¼-turn valve

Air Test Fitting

- 5/8" O.D. comp × Schrader valve

Water Pressure Test Fitting

- ¾" brass female hose swivel connection
- Drag pointer indicator for overnight tests



882-110



882-105



360-300PK1

Item No	Description	Pkg	Min Qty	Case Qty	List Price
882-105	300 PSI combination air and water test fitting	B	1	6	67.75 EA
882-110	100 PSI air test fitting	B	1	6	28.25 EA
360-300PK1	300 PSI water test gauge	B	1	10	19.75 EA

High-Pressure Hand Pump

- Maximum pressure 160 PSI
- Various length inflation hoses available separately



882-EHPG

Built-in pressure gauge.



Quick release nozzle head.



Item No	Description	Pkg	Min Qty	Case Qty	List Price
882-EHPG	High-pressure hand pump with pressure gauge	B*	1	1	57.50 EA
882-EH24	2 ft. long – ¼" I.D. inflation hose	B*	1	12	22.50 EA
882-EH36	3 ft. long – ¼" I.D. inflation hose	B*	1	12	25.00 EA
882-EH60	5 ft. long – ¼" I.D. inflation hose	B*	1	12	32.50 EA

SUPPORT

SUPPLY HANGERS
Plastic CTS
Metal CTS / IPS
Anchors & Fasteners

DWV HANGERS
Extension Hangers
Hanger Straps
Ground Stakes

BRACKETS
Stub Out Brackets
Commercial Brackets
Accessories



“When I hear the name Sioux Chief the word quality comes to mind, starting with the people and continuing with their products. The support system products, if it’s the Suspensulator™, Pipe Eye™, Twin Talon™ or TouchDown™ clamps, the dependability and ease of installation are unsurpassed.”

Johnny Mattingly
H & H Plumbing & Utilities, Inc.

SUPPLY HANGERS

PLASTIC CTS
Tube Hangers
CTS Isolators

METAL CTS/IPS
2-Hole Tube Straps
Drive Hooks
Wire Pipe Hooks

ANCHORS & FASTENERS
Anchor Screw Kits
Hardware
Stainless Steel Bands

Supply Hangers



Pick-Up Talon™
p 421



Tube Talon™
p 422



Twin Talon™
p 422



Sioux Strap ™
p 423



PadLock™
p 423



Totem™
p 424



EZ Glide™ Tube Clamp
p 425



EZ Glide™ Suspension Clamp
p 425



EZ Glide™ Tube Insulator
p 426



Suspensulator™
p 426



Pipe Eye™
p 427



BiFolator™
p 428



Main Block™
p 429



TouchDown™
p 430



TouchDown II™
p 431



TouchDown II™ Strut Clamp
p 432



2-Hole Tube Strap
p 433



Wire Pipe Hook
p 435



Hangs Tuff Jr.™
p 436



Anchor Screw Kit
p 437

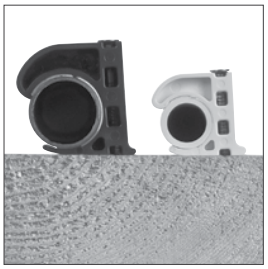
Packaging: **B** = Bulk **C** = Cut Case **D** = Dispenser Box ***** Individually Bar-Coded

Pick-Up Talon™

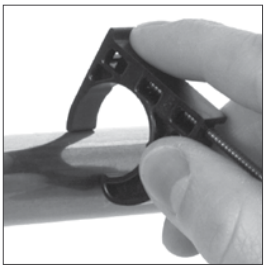
Isolating Drive Hook

Patent #7,207,530

- The most affordable solution to keeping tube off the mounting surface for a quiet system
- Installation is fast and easy; snaps onto tube with preloaded nails or screws
- Install in alternating directions to secure piping
- All models with screws feature self-drilling tips
- Compatible with copper, PEX and CPVC



Protects tube from abrasive mounting surface and eliminates ticking noises.



Snaps and rolls easily onto copper tube size (CTS) tubing.



Ivory colored models match CPVC tube.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	BLACK				
556-1	⅜" CTS with nail	B	100	1000	0.135 EA
556-1BK	⅜" CTS with nail, 2,300/bucket	B	1	1	305.80 BK
556-1PK2	⅜" CTS with nail, 10/bag	C*	10	10	1.70 BG
556-2	½" CTS with nail	B	100	1000	0.078 EA
556-2BK	½" CTS with nail, 1,600/bucket	B	1	1	120.10 BK
556-2HSDR	½" CTS with stainless steel hex screw	B	100	1000	0.73 EA
556-2PK2	½" CTS with nail, 10/bag	C*	10	10	1.16 BG
556-2PK3	½" CTS with nail, 100/bag	C*	1	10	7.90 BG
556-2S	½" CTS with screw	B	100	1000	0.31 EA
556-2SPK2	½" CTS with screw, 10/bag	C*	10	10	3.47 BG
556-3	¾" CTS with nail	B	100	1000	0.118 EA
556-3BK	¾" CTS with nail, 800/bucket	B	1	1	89.70 BK
556-3HSDR	¾" CTS with stainless steel hex screw	B	100	1000	0.88 EA
556-3PK2	¾" CTS with nail, 10/bag	C*	10	10	1.55 BG
556-3PK3	¾" CTS with nail, 100/bag	C*	1	10	11.90 BG
556-3S	¾" CTS with screw	B	100	1000	0.354 EA
556-3SPK2	¾" CTS with screw, 10/bag	C*	10	10	3.90 BG
556-4	1" CTS with nail	B	50	500	0.333 EA
556-4BK	1" CTS with nail, 400/bucket	B	1	1	128.50 BK
556-4PK2	1" CTS with nail, 10/bag	C*	10	10	3.69 BG
556-4PK3	1" CTS with nail, 50/bag	C*	1	10	16.70 BG
	IVORY				
556-1C	⅜" CTS with nail	B	100	1000	0.135 EA
556-2C	½" CTS with nail	B	100	1000	0.078 EA
556-2CBK	½" CTS with nail, 1,600/bucket	B	1	1	120.10 BK
556-2CPK4	½" CTS with nail, 10/bag, 20 bags/box	D*	1	1	28.60 BX
556-3C	¾" CTS with nail	B	100	1000	0.118 EA
556-3CBK	¾" CTS with nail, 800/bucket	B	1	1	89.70 BK
556-3CPK4	¾" CTS with nail, 10/bag, 15 bags/box	D*	1	1	28.00 BX
556-4C	1" CTS with nail	B	50	500	0.333 EA
556-4CBK	1" CTS with nail, 400/bucket	B	1	1	128.50 BK



556-3S



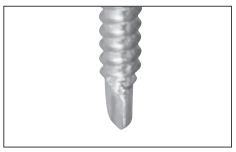
556-3C



556-2HSDR



556-2BK



Self-drilling tips on screws.



555-2



555-2BK

Tube Talon™

Drive Hook

- Preloaded ring-shank nails ensure a permanent hold
- Absorbs vibration
- Tube is not damaged if nail is overdriven
- For IPS piping (PVC and iron pipe) use next larger size Tube Talon
- Install in alternating directions to ensure secure piping
- Compatible with copper, PEX and CPVC

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
555-1	⅜" CTS with nail	B	100	1000	0.14 EA
555-2	½" CTS with nail	B	100	1000	0.078 EA
555-2BK	½" CTS with nail, 1,800/bucket	B	1	1	135.70 BK
555-3	¾" CTS with nail	B	100	1000	0.118 EA
555-3BK	¾" CTS with nail, 1,000/bucket	B	1	1	113.30 BK
555-4	1" CTS with nail	B	50	500	0.333 EA
555-4BK	1" CTS with nail, 500/bucket	B	1	1	161.80 BK

SPEC SHEET



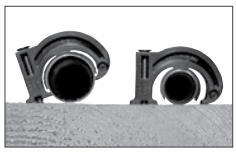
555-23S



555-45



555-23BK



Fingers grab and hold tube for "hands-free" installation.

SPEC SHEET

Twin Talon™

Double-Duty Drive Hook

- 555-23 series affixes ½", ⅝" and ¾" CTS nominal tube (copper or plastic) and ½" Sch. 40 IPS pipe (steel or plastic)
- 555-45 series affixes 1" and 1¼" CTS nominal tube (copper or plastic) and ¾" and 1" Sch. 40 IPS pipe (steel or plastic)
- Available with shorter nail for radiant heat, nail-up applications. 1⅝" nail won't penetrate ¾" floors
- Compatible with copper, PEX and CPVC

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
555-23	½"–¾" CTS with nail	B	100	1000	0.125 EA
555-23BK	½"–¾" CTS with nail, 850/bucket	B	1	1	105.80 BK
555-23PK2	½"–¾" CTS with nail, 10/bag	C*	10	10	1.66 BG
555-23S	½"–¾" CTS with screw	B	100	1000	0.35 EA
555-623	½"–¾" CTS with shorter 1⅝" nail	B	100	1000	0.18 EA
555-623PK2	½"–¾" CTS with shorter 1⅝" nail, 10/bag	C*	10	10	2.15 BG
555-45	¾" IPS–1¼" CTS with nail	B	25	100	0.50 EA
555-45BK	¾" IPS–1¼" CTS with nail, 350/bucket	B	1	1	170.30 BK
555-45S	¾" IPS–1¼" CTS with screw	B	25	100	0.73 EA

Sioux Strap™

Tube Hanger

- Preloaded ring-shank nail ensures a permanent hold
- Provides ¼" stand-off
- Snaps onto tube for "hands-free" installation
- Isolates tube from surface to reduce heat loss and noise transfer
- Allows tube to expand and contract
- Compatible with copper, PEX and CPVC



551-3



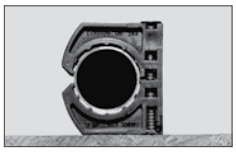
551-3C

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	BLACK				
551-2	½" CTS with nail	B	100	1000	0.14 EA
551-2PK2	½" CTS with nail, 10/bag	C*	20	20	2.03 BG
551-2BK	½" CTS with nail, 1,000/bucket	B	1	1	135.26 BK
551-2SPK2	½" CTS with screw, 20/bag	C*	10	10	4.94 BG
551-3	¾" CTS with nail	B	50	500	0.185 EA
551-3PK2	¾" CTS with nail, 10/bag	C*	20	20	2.44 BG
551-3BK	¾" CTS with nail, 600/bucket	B	1	1	106.12 BK
551-3SPK2	¾" CTS with screw, 20/bag	C*	10	10	6.00 BG
551-4	1" CTS with nail	B	25	250	0.48 EA
551-4PK2	1" CTS with nail, 10/bag	C*	20	20	5.35 BG
551-4BK	1" CTS with nail, 350/bucket	B	1	1	163.25 BK
	IVORY				
551-2C	½" CTS with nail	B	100	1000	0.14 EA
551-2CBK	½" CTS with nail, 1,000/bucket	B	1	1	135.26 BK
551-3C	¾" CTS with nail	B	50	500	0.185 EA
551-3CBK	¾" CTS with nail, 600/bucket	B	1	1	106.12 BK
551-4C	1" CTS with nail	B	25	250	0.48 EA
551-4CBK	1" CTS with nail, 350/bucket	B	1	1	163.25 BK



551-2BK

SPEC SHEET



Insulates and isolates the tube from the mounting surface, reducing noise transfer and heat loss.

PadLock™

Tube Strap

- Nail or screw locks tube into hanger so there is no way for tube to escape
- Will not damage tube if nail or screw is over-driven
- Allows tube to expand and contract
- Isolates tube from surface to reduce heat loss and noise transfer
- Fits and fastens to the Grid Iron bracket (see p 465)
- Compatible with copper, PEX and CPVC



551-P2S

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
551-P2	½" CTS with nail	B	100	1000	0.17 EA
551-P2PK3	½" CTS with nail, 100/bag	C*	1	10	16.62 BG
551-P2S	½" CTS with screw	B	100	1000	0.31 EA
551-P3	¾" CTS with nail	B	50	500	0.28 EA
551-P3PK3	¾" CTS with nail, 50/bag	C*	1	10	13.75 BG
551-P3S	¾" CTS with screw	B	50	500	0.42 EA

SPEC SHEET



Fast installations. The PadLock snaps onto tube for "hands-free" installation.

Totem™

Offset CTS Hanger

Patent #7,896,296

- Reduces callbacks caused by sheet-rock installers piercing the tube
- Provides 1" offset from mounting surface to bottom of tube
- Secures to surface in any position
- Unique V-shaped base easily adapts to engineered wood I-beam joists
- Locking finger holds pipe securely in place
- 100% corrosion proof, impact resistant
- Bulk ring-shank nails included (but not pre-loaded)
- Compatible with copper, PEX and CPVC



552-A2



552-B33



552-C23



Unique hanger base allows clamp to mount on flat surface or on edge of TJI joist.





Twin and stacked models simplify parallel runs while keeping the tubes off the mounting surface to reduce noise transfer.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	SINGLE OFFSET				
552-A2	½" CTS	B	50	500	0.16 EA
552-A2PK2	½" CTS, 10/bag	C*	10	10	2.65 BG
552-A3	¾" CTS	B	50	500	0.18 EA
552-A3PK2	¾" CTS, 10/bag	C*	10	10	2.86 BG
	TWIN OFFSET				
552-B22	½" × ½" CTS	B	50	500	0.21 EA
552-B22PK2	½" × ½" CTS, 10/bag	C*	10	10	3.33 BG
552-B23	½" × ¾" CTS	B	50	500	0.23 EA
552-B33	¾" × ¾" CTS	B	50	500	0.25 EA
552-B33PK2	¾" × ¾" CTS, 10/bag	C*	10	10	3.55 BG
	STACKED OFFSET				
552-C22	½" × ½" CTS	B	50	500	0.21 EA
552-C22PK2	½" × ½" CTS, 10/bag	C*	10	10	3.45 BG
552-C23	½" × ¾" CTS	B	50	500	0.23 EA
552-C33	¾" × ¾" CTS	B	50	500	0.25 EA
552-C33PK2	¾" × ¾" CTS, 10/bag	C*	10	10	3.59 BG

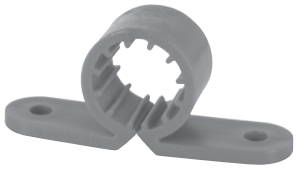
SPEC SHEET

EZ Glide™ Tube Clamp

- Ribs allow pipe to glide easier and more quietly when the pipe expands and contracts
- V-shaped split design for easy installations
- Compatible with copper, PEX or CPVC
- Plenum Safe™ models meet ASTM E84 25/50 Flame/ Smoke Spread and UL94 V-0 flame rating



559-2



559F2

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
559-2	½" CTS	B	100	1000	0.23 EA
559-2PK2	½" CTS, 5/bag	C*	10	10	1.50 BG
559-3	¾" CTS	B	50	1000	0.24 EA
559-3PK2	¾" CTS, 5/bag	C*	10	10	1.55 BG
559-4	1" CTS	B	50	500	0.54 EA
559-4PK2	1" CTS, 5/bag	C*	10	10	3.05 BG
559-5	1¼" CTS	B	25	250	0.71 EA
559-5PK2	1¼" CTS, 5/bag	C*	10	10	3.90 BG
559-6	1½" CTS	B	25	250	1.11 EA
559-6PK2	1½" CTS, 5/bag	C*	10	10	5.90 BG
559-7	2" CTS	B	25	250	1.23 EA
559-7PK2	2" CTS, 5/bag	C*	10	10	6.50 BG
	PLENUM SAFE™				
559F2	E84 ½" CTS	B	100	1000	1.30 EA
559F3	E84 ¾" CTS	B	50	500	1.56 EA
559F4	E84 1" CTS	B	50	500	2.96 EA
559F5	E84 1¼" CTS	B	10	10	3.64 EA
559F6	E84 1½" CTS	B	10	10	3.64 EA
559F7	E84 2" CTS	B	10	10	4.37 EA

SPEC SHEET

EZ Glide™ Suspension Clamp

- Identical features & benefits as EZ Glide Tube Clamp



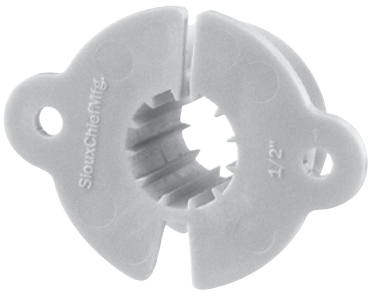
557-2



557F4

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
557-2	½" CTS	B	100	1000	0.23 EA
557-2PK2	½" CTS, 5/bag	C*	10	10	1.50 BG
557-3	¾" CTS	B	100	1000	0.24 EA
557-3PK2	¾" CTS, 5/bag	C*	10	10	1.58 BG
557-4	1" CTS	B	50	500	0.54 EA
557-4PK2	1" CTS, 5/bag	C*	10	10	3.05 BG
557-5	1¼" CTS	B	25	250	1.00 EA
557-5PK2	1¼" CTS, 5/bag	C*	10	10	5.35 BG
557-6	1½" CTS	B	25	250	1.12 EA
557-6PK2	1½" CTS, 5/bag	C*	10	10	5.95 BG
557-7	2" CTS	B	25	250	1.46 EA
557-7PK2	2" CTS, 5/bag	C*	10	10	7.65 BG
	PLENUM SAFE™				
557F2	E84 ½" CTS	B	100	1000	1.30 EA
557F3	E84 ¾" CTS	B	50	500	1.56 EA
557F4	E84 1" CTS	B	50	500	2.13 EA
557F5	E84 1¼" CTS	B	10	10	2.96 EA
557F6	E84 1½" CTS	B	10	10	3.64 EA
557F7	E84 2" CTS	B	10	10	4.37 EA

SPEC SHEET



558-2

EZ Glide™ Tube Insulator

- Ribs allow pipe to glide easier and more quietly when the pipe expands and contracts
- Split design allows for use after piping run
- Fits both 1 11/32" and 1 3/8" holes in metal or wood studs
- Compatible with copper, PEX or CPVC

Related Products
BiFolator *p 428*



Item No.	Description	Pkg	Min Qty	Case Qty	List Price
558-2	½" CTS	B	50	500	0.374 EA
558-2PK2	½" CTS, 5/bag	C*	10	10	2.22 BG
558-3	¾" CTS	B	50	500	0.385 EA
558-3PK2	¾" CTS, 5/bag	C*	10	10	2.28 BG
558-4	1" CTS	B	25	250	0.40 EA

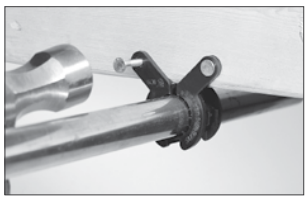
Suspensulator™

Tube Suspension Clamp & Insulator



558-E2

- Designed to work in both 1 3/8" and 1 11/32" holes in wood or metal studs
- Side fins lock perfectly into I-joist knockout
- Split design allows for use after piping is run
- Durable, UV resistant, high-density polyethylene is 100% corrosion proof and reduces noise due to expansion and contraction in hot water lines
- Compatible with copper, PEX or CPVC



Suspend



Insulate

Related Products
Pipe Eye Suspension Bracket *p 474*

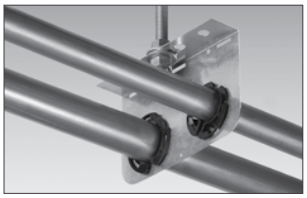


Item No.	Description	Pkg	Min Qty	Case Qty	List Price
558-E1	⅜" CTS, gray	B	50	500	0.36 EA
558-E2	½" CTS, black	B	50	500	0.27 EA
558-E2PK2	½" CTS, 5/bag	C*	10	10	1.68 BG
558-E3	¾" CTS, black	B	50	500	0.28 EA
558-E3PK2	¾" CTS, 5/bag	C*	10	10	1.73 BG
558-E4	1" CTS, black	B	25	250	0.38 EA
558-E4PK2	1" CTS, 5/bag	C*	10	10	2.23 BG

Pipe Eye™

Metal Stud Insulator

- Fits 1 11/32" holes in metal studs or brackets
- Split design. Offset hole for adjustable tube position
- Reduces noise caused by expansion and contraction
- Flame retardant models meet UL94 V-2 flame rating
- Plenum Safe™ models meet ASTM E84 25/50 Flame/ Smoke Spread and UL94 V-0 flame rating
- Compatible with copper, PEX and CPVC



Ideal for use with galvanized brackets.



Use with standard 1 11/32" stud punch on metal stud projects.



558-M2



558-M3

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
558-M2	½" CTS, black	B	100	1000	0.23 EA
558-M2PK2	½" CTS, black, 5/bag	C*	10	10	1.42 BG
558-M2C	½" CTS, blue	B	50	1000	0.23 EA
558-M2H	½" CTS, red	B	50	1000	0.23 EA
558-M3	¾" CTS, black	B	100	1000	0.25 EA
558-M3PK2	¾" CTS, black, 5/bag	C*	10	10	1.52 BG
558-M3C	¾" CTS, blue	B	50	1000	0.25 EA
558-M3H	¾" CTS, red	B	50	1000	0.25 EA
558-M4	1" CTS, black	B	25	250	0.29 EA
558-M4PK2	1" CTS, black, 5/bag	C*	10	10	1.72 BG
558-M4C	1" CTS, blue	B	50	1000	0.29 EA
558-M4H	1" CTS, red	B	50	1000	0.29 EA
	GLUEABLE				
558-M2G	½" CTS	B	100	1000	0.23 EA
558-M3G	¾" CTS	B	100	1000	0.25 EA
558-M4G	1" CTS	B	25	250	0.29 EA
	FLAME RETARDANT				
558-M2R	½" CTS	B	100	1000	0.28 EA
558-M3R	¾" CTS	B	100	1000	0.31 EA
558-M4R	1" CTS	B	25	250	0.34 EA
	PLENUM SAFE™				
558FM2	E84 ½" CTS	B	10	100	1.25 EA
558FM3	E84 ¾" CTS	B	10	100	1.35 EA
558FM4	E84 1" CTS	B	5	25	1.46 EA

SPEC SHEET

IAPMO

Except glueable models



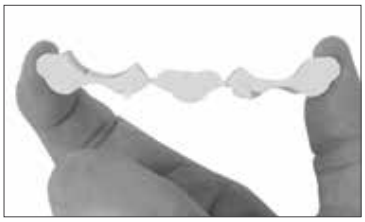
558-23

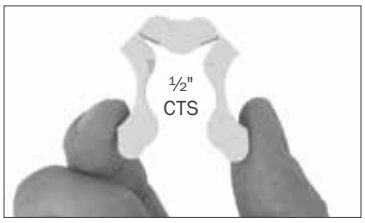
BiFolator™

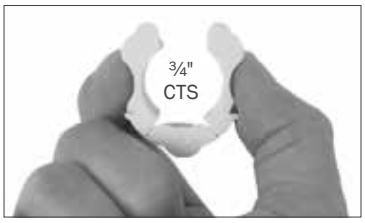
Reversible Stud Insulator

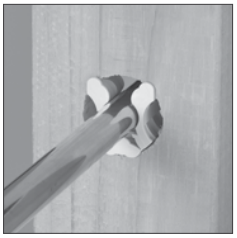
Patent #7,810,762

- Reversible insulator for ½" and ¾" CTS copper, PEX or CPVC
- Fits 1⅜" hole in wood studs or 1$^{11}/_{32}$" hole in metal studs
- Fins prevent the tube from touching the wood or metal surface
- Allows tube to expand and contract without binding
- Plenum Safe™ model meets ASTM E84 25/50 Flame/Smoke Spread and UL94 V-0 flame rating

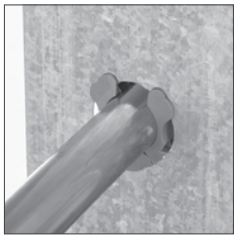








½" CTS



¾" CTS

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
558-23	½" & ¾" CTS, flexible LDPE (ivory)	B	100	1000	0.24 EA.
558-23B	½" & ¾" CTS, rigid HDPE (black)	B	100	1000	0.24 EA
	PLENUM SAFE™				
558F23	E84 ½" & ¾" CTS	B	100	1000	1.30 EA

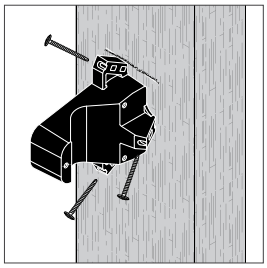
NEW Main Block™

1½" Offset CTS Pipe Clamp

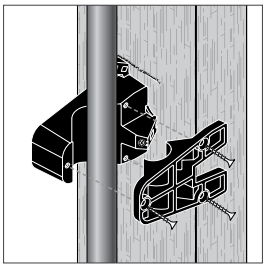
- 1½" offset with 3-axis holding power for securing ¾" and 1" water main inlets, appliance and fixture stub outs, water heater/softener loops, etc.
- Clamps above or below the pressure regulator to eliminate movement for a solid installation
- Non-corrosive and 100% compatible with copper, PEX, PVC and CPVC
- All hardware provided



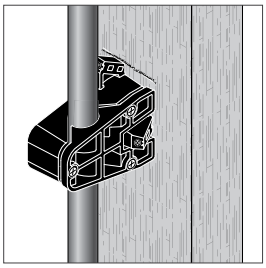
525-34



Mount rear block to structure using 1¾" screws.

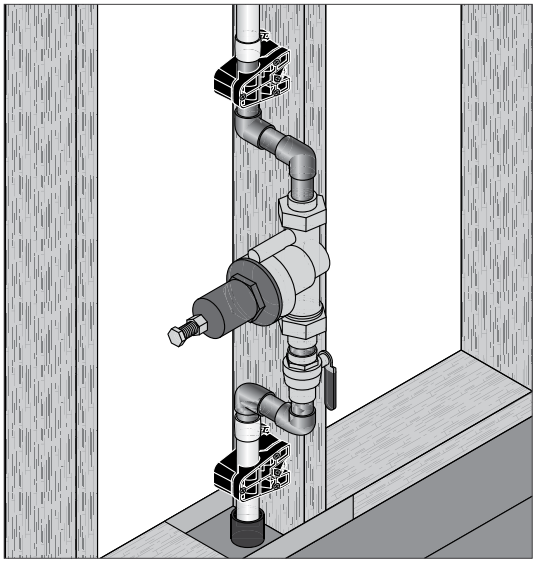


Position pipe. Secure front block to rear block using 1" screws.

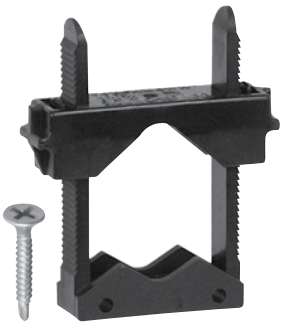


Completed installation.





Item No.	Description	Pkg	Min Qty	Case Qty	List Price
525-33	¾" CTS Service Pipe Clamp with screws 1/bag	B	1	25	3.50 EA
525-34	1" CTS Service Pipe Clamp with screws 1/bag	B	1	25	3.75 EA



550-11



550-11Q



522-100B



550-11PK4

TouchDown™

Universal Pipe Clamp

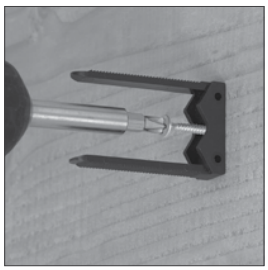
Patent # 6,126,122

- Clamps ¼" – 1" CTS tube (copper, PEX or CPVC) and ⅛" – 1" Sch. 40 pipe (steel or plastic)
- Releasable locking mechanism allows for variable clamping tension for expansion and contraction
- Provides ¼" stand-off from mounting surface
- Plenum Safe™ model meets ASTM E84 25/50 Flame/Smoke Spread and UL-94 V0 flame ratings

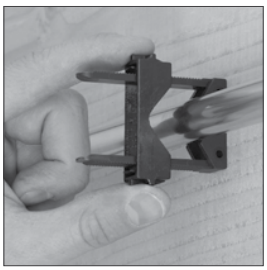
Pipe Down™

Noise Absorbing Inserts

- Thermoplastic elastomer reduces noise
- Red color allows for quick visual inspections to show noise blocks are present, meeting job specifications
- Not for use with Plenum Safe™ clamps



Screw base onto surface.



Ratchet bridge down to secure pipe.



Perfect for many different types of pipe, tube and wire.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
550-11	1 bridge, 1 base, 1 screw/bag	B	100	100	0.62 BG
550-11PK2	5 bridges, 5 bases, 5 screws/bag	C*	1	10	3.48 BG
550-11PK4	5 bridges, 5 bases, 5 screws/bag, 10 bags/box	D*	1	1	37.50 BX
550-11Q	1 bridge, 1 base, 1 screw, 1 set of Pipe Down inserts/bag	B	100	100	1.35 BG
550-11QPK2	10 bridges, 10 bases, 10 screws, 10 sets of Pipe Down inserts/bag	C*	1	10	13.75 BG
550-12	100 bridges, 100 bases, 100 screws/bag	B	1	1	46.80 BG
	PLENUM SAFE™				
550F11	E84 1 bridge, 1 base, 1 screw/bag	B	25	100	3.12 BG
	PIPE DOWN™ INSERTS				
522-100B	100 inserts for bridge or base (for standard models only)/bag	B	1	100	36.14 BG
522-100BPK2	10 inserts for bridge or base (for standard models only)/bag	C*	1	10	4.35 BG

TouchDown II™

Large Universal Pipe Clamp

Patent # 6,126,122

- Clamps ½" – 2" CTS tube (copper, PEX or CPVC) and ⅜" – 2" Sch. 40 pipe (steel or plastic)
- Releasable locking mechanism allows for variable clamping tension for expansion and contraction
- Provides ⅝" stand-off from mounting surface
- Plenum Safe™ model meets ASTM E84 25/50 Flame/ Smoke Spread and UL-94 V0 flame ratings

Pipe Down™

Noise Absorbing Inserts

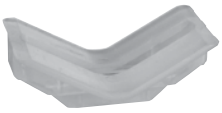
- Thermoplastic elastomer reduces noise
- Not for use with Plenum Safe™ clamps



550-20



550F20



550-200B



Slot in base allows for stainless steel band applications.



Fits into the universal Power Bar.



Perfect for AC condenser line sets.



Perfect for bundling multiple lines.



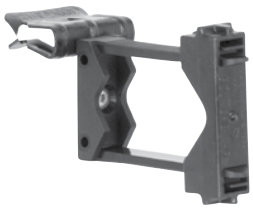
Related Products
Grid Iron *p 467*

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
550-20	1 bridge, 1 base, 2 screws/bag	B	50	50	1.87 BG
550-20PK2	1 bridge, 1 base, 2 screws/bag	C*	1	10	2.10 BG
550-20Q	1 bridge, 1 base, 2 screws, 2 Pipe Down inserts/bag	B	50	50	2.96 BG
550-20QPK2	6 bridges, 6 bases, 12 screws, 12 Pipe Down inserts/bag	C*	1	10	18.72 BG
550-22	50 bridges, 50 bases, 100 screws/bag	B	1	1	88.40 BG
550-201	1 bridge	B	25	250	0.70 EA
	PLENUM SAFE™				
550F20	E84 1 bridge, 1 base, 2 screws/bag	B	25	25	8.27 BG
	PIPE DOWN INSERTS				
550-200B	50 inserts (for standard models only)/bag	B	1	10	28.00 BG
550-200BPK2	10 inserts (for standard models only)/bag	C*	1	10	6.70 BG

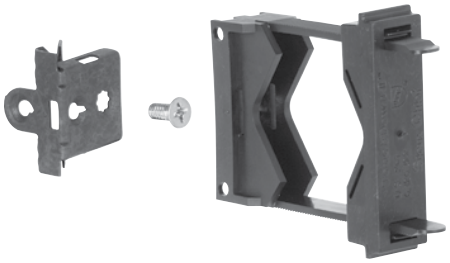
TouchDown™ Beam Clamp

Universal Pipe Clamp

- Two clamp sizes available in standard or Plenum Safe™ materials
- Clamp pivots easily and attaches to I-beams or steel truss members for parallel or perpendicular pipe runs
- 550-11E clamps ¼" – 1" CTS tube (copper, PEX or CPVC) and ⅛" – 1" Sch. 40 pipe (steel or plastic)
- 550-20E clamps ½" – 2" CTS tube (copper, PEX or CPVC) and ⅜" – 2" Sch. 40 (steel or plastic)



550-11E



550-20E



Run pipes parallel to steel I-beams.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
550-11E	1 TouchDown bridge, 1 base with attached beam clamp/bag	B	100	100	3.02 BG
550-20E	1 TouchDown II bridge, 1 base, 1 screw, beam clamp/bag	B	25	25	4.25 BG
	PLENUM SAFE™				
550F11E	E84 1 TouchDown bridge, 1 base with attached beam clamp/bag	B	25	100	4.68 BG
550F20E	E84 1 TouchDown II bridge, 1 base, 1 screw, beam clamp/bag	B	25	25	9.72 BG

TouchDown II™ Strut Clamp

Large Universal Pipe Clamp for Strut

- No tools required for fast and easy installation
- One clamp fits ½" CTS tube (copper, PEX or CPVC) – 2" IPS (steel or plastic)
- Use two bridges for tandem pipe runs
- Great for retro-fit applications



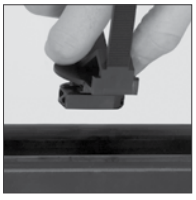
550-2T



550-2T1



550-2TA



Insert base, twist and lock into strut channel.



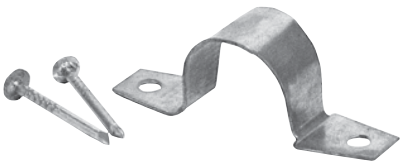
Strut Dam prevents clamp from sliding down when strut is mounted vertically to wall or surface.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
550-2T	1 bridge, 1 strut clamp base/bag	B	25	25	2.44 BG
550-2T1	2 bridges, 1 strut clamp base/bag	B	25	25	3.04 BG
550-22T	50 bridges, 50 strut clamp bases	B	1	1	114.40 BX
550-2TA	Strut Dam, 1 t-bolt, 1 washer, 1⅜" square nut/bag	B	25	500	0.71 BG
	PLENUM SAFE™				
550F2T	E84 1 bridge, 1 strut clamp base/bag	B	5	5	8.79 BG
550F22T	E84 50 bridges, 50 strut clamp bases	B	1	1	433.68 BX

2-Hole Tube Strap

Copper & Copper-plated Steel for CTS Tube
Galvanized Steel for IPS Pipe

- Galvanized straps comply with MSS SP58 Type 26



500-2



Related Products
Tube Clamp *p 425*

Item No.	Description	Gauge	Nails	Pkg	Min Qty	Case Qty	List Price
			COPPER				
500-2	½" CTS	26	zinc-coated	B	100	500	0.37 EA
500-3	¾" CTS	26	zinc-coated	B	100	500	0.42 EA
			COPPER-PLATED				
501-0	¼" CTS	24	zinc-coated	B	100	500	0.14 EA
501-0PK	¼" CTS	24	—	C*	100	100	0.19 EA
501-1	⅜" CTS	24	zinc-coated	B	100	500	0.15 EA
501-1PK	⅜" CTS	24	—	C*	100	100	0.20 EA
501-2	½" CTS	24	zinc-coated	B	100	500	0.16 EA
501-2PK	½" CTS	24	—	C*	100	100	0.21 EA
501-2PK2	½" CTS, 10/bag	24	zinc-coated	C*	10	10	2.42 BG
501-3	¾" CTS	24	zinc-coated	B	100	500	0.180 EA
501-3PK	¾" CTS	24	—	C*	100	100	0.23 EA
501-3PK2	¾" CTS, 10/bag	24	zinc-coated	C*	10	10	2.65 BG
501-4	1" CTS	22	zinc-coated	B	100	100	0.25 EA
501-4PK	1" CTS	22	—	C*	100	100	0.30 EA
501-5	1¼" CTS	22	ring-shank	B	100	100	0.39 EA
501-5PK	1¼" CTS	22	—	C*	100	100	0.44 EA
501-6	1½" CTS	22	ring-shank	B	100	100	0.41 EA
501-6PK	1½" CTS	22	—	C*	100	100	0.46 EA
501-7	2" CTS	22	ring-shank	B	100	100	0.46 EA
501-7PK	2" CTS	22	—	C*	100	100	0.52 EA
			GALVANIZED STEEL				
502-0PK	¼" IPS	22	—	C*	100	100	0.26 EA
502-1	⅜" IPS	22	—	B	100	100	0.16 EA
502-1PK	⅜" IPS	22	—	C*	100	100	0.27 EA
502-2	½" IPS	22	—	B	100	100	0.17 EA
502-2PK	½" IPS	22	—	C*	100	100	0.28 EA
502-2PK2	½" IPS, 10/bag	22	—	C*	10	10	2.01 BG
502-3	¾" IPS	22	—	B	100	100	0.20 EA
502-3PK	¾" IPS	22	—	C*	100	100	0.32 EA
502-3PK2	¾" IPS, 10/bag	22	—	C*	10	10	2.33 BG
502-4	1" IPS	20	—	B	100	100	0.30 EA
502-4PK	1" IPS	20	—	C*	100	100	0.42 EA
502-4PK2	1" IPS, 4/bag	20	—	C*	10	10	1.43 BG
502-5	1¼" IPS	20	—	B	50	50	0.44 EA
502-5PK	1¼" IPS	20	—	C*	50	50	0.56 EA
502-5PK2	1¼" IPS, 4/bag	20	—	C*	10	10	1.98 BG
502-6	1½" IPS	20	—	B	50	50	0.48 EA
502-6PK	1½" IPS	20	—	C*	50	50	0.60 EA
502-6PK2	1½" IPS, 4/bag	20	—	C*	10	10	2.16 BG
502-7	2" IPS	18	—	B	50	50	0.63 EA
502-7PK	2" IPS	18	—	C*	50	50	0.75 EA
502-7PK2	2" IPS, 4/bag	18	—	C*	10	10	2.42 BG
502-75	2½" IPS	16	—	B	25	25	1.29 EA
502-75PK	2½" IPS	16	—	C*	20	20	1.41 EA
502-8	3" IPS	16	—	B	25	25	1.56 EA
502-8PK	3" IPS	16	—	C*	15	15	1.68 EA
502-9	4" IPS	16	—	B	25	25	1.86 EA
502-9PK	4" IPS	16	—	C*	10	10	1.98 EA



501-0



502-2

SPEC SHEET

Vinyl-coated Steel Clamp with Screw

- Perfect for hydronic heating
- Use with Power Bar Universal Slider Bracket
- Complies with 2009 National Fuel Gas Code for supporting CSST
- Not compatible with CPVC pipe or fittings



523-33

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
523-31	5⁄16" clamp for 3⁄8" nom. tube, #3 re-bar or 3⁄8" all-thread rod	B	100	1000	0.81 EA
523-32	5⁄8" clamp for 1⁄2" CTS	B	100	1000	0.86 EA
523-33	7⁄8" clamp for 3⁄4" CTS	B	50	500	0.92 EA
523-34	1 1⁄8" clamp for 1" CTS	B	50	500	0.99 EA

Drive Hook

Copper-Plated Steel

- Do not use vinyl-coated hooks with CPVC pipe or fittings



503-2



503-2P



504-3



504-3P

For Better Products
Pick-Up Talon *p 421*
Twin Talon *p 422*



Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	J-HOOK				
503-2	1⁄2" CTS	B	100	1000	0.16 EA
503-3	3⁄4" CTS	B	100	1000	0.18 EA
503-2P	1⁄2" CTS, vinyl-coated	B	100	1000	0.29 EA
503-3P	3⁄4" CTS, vinyl-coated	B	100	1000	0.32 EA
	TUBE NAILER				
504-3	1⁄2"–3⁄4" CTS	B	100	1000	0.17 EA
504-3PK2	1⁄2"–3⁄4" CTS, 10/bag	C*	10	10	2.27 BG
504-3PK3	1⁄2"–3⁄4" CTS, 100/bag	C*	1	10	17.41 BG
504-3P	1⁄2"–3⁄4" CTS, vinyl-coated	B	100	1000	0.32 EA
504-3PPK2	1⁄2"–3⁄4" CTS, vinyl-coated, 10/bag	C*	10	10	3.80 BG

Wire Pipe Hook

- 10-gauge material
- Plain or copper-plated steel
- Vinyl-coated steel
- Do not use vinyl-coated wire pipe hooks with CPVC pipe or fittings



506-24



506-24P



506-36PPK2

Related Products
Hangs Tuff Jr.™ *p 436*
For a better product

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	PLAIN STEEL				
506-24	½" IPS × 4"	B	50	500	0.23 EA
506-26	½" IPS × 6"	B	50	500	0.29 EA
506-26PK2	½" IPS × 6", 5/bundle	C*	5	5	1.66 BD
506-34	¾" IPS × 4"	B	50	500	0.25 EA
506-34PK2	¾" IPS × 4", 5/bundle	C*	5	5	1.47 BD
506-36	¾" IPS × 6"	B	50	500	0.32 EA
506-36PK2	¾" IPS × 6", 5/bundle	C*	5	5	1.78 BD
506-38	¾" IPS × 8"	B	50	500	0.38 EA
506-46	1" IPS × 6"	B	50	500	0.35 EA
506-46PK2	1" IPS × 6", 5/bundle	C*	5	5	1.94 BD
506-56	1¼" IPS × 6"	B	50	500	0.41 EA
506-66	1½" IPS × 6"	B	50	500	0.45 EA
	COPPER-PLATED STEEL				
506-22C	½" IPS × 2½"	B	100	2000	0.16 EA
506-24C	½" IPS × 4"	B	50	500	0.33 EA
506-26C	½" IPS × 6"	B	50	500	0.41 EA
506-26CPK2	½" IPS × 6", 5/bundle	C*	5	5	2.25 BD
506-32C	¾" IPS × 2½"	B	100	2000	0.18 EA
506-34C	¾" IPS × 4"	B	50	500	0.35 EA
506-36C	¾" IPS × 6"	B	50	500	0.43 EA
506-36CPK2	¾" IPS × 6", 5/bundle	C*	5	5	2.35 BD
506-38C	¾" IPS × 8"	B	50	500	0.45 EA
506-46C	1" IPS × 6"	B	50	500	0.44 EA
506-46CPK2	1" IPS × 6", 5/bundle	C*	5	5	2.39 BD
	VINYL-COATED STEEL				
506-24P	½" IPS × 4"	B	50	500	0.45 EA
506-26P	½" IPS × 6"	B	50	500	0.53 EA
506-26PPK2	½" IPS × 6", 5/bundle	C*	5	5	2.85 BD
506-34P	¾" IPS × 4"	B	50	500	0.47 EA
506-36P	¾" IPS × 6"	B	50	500	0.55 EA
506-36PPK2	¾" IPS × 6", 5/bundle	C*	5	5	2.95 BD
506-38P	¾" IPS × 8"	B	50	500	0.57 EA
506-46P	1" IPS × 6"	B	50	500	0.61 EA
506-46PPK2	1" IPS × 6", 5/bundle	C*	5	5	3.26 BD

Hangs Tuff Jr.™

CTS Tube Hanger

Patent # 5,385,320

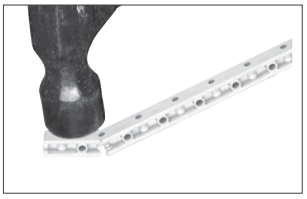
- Hangs any ½" – 1¼" CTS copper, PEX or CPVC tube
- 100% corrosion proof, impact resistant ABS
- Two ring-shank nails conveniently supplied



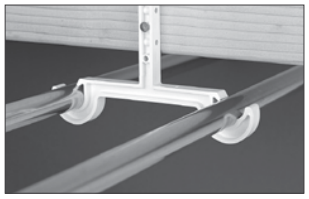
553-2W



553-22W



Snap off sections of the Hangs Tuff Jr.™ to create a shorter hanger for tight spaces.



Twin models hang two lengths of tube side-by-side.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
553-22W	½" × ½" CTS	C	50	150	1.04 EA
553-23W	½" × ¾" CTS	C	50	150	1.16 EA
553-33W	¾" × ¾" CTS	C	50	150	1.16 EA
553-2W	½" CTS	C	50	50	0.70 EA
553-2WPK3	½" CTS, 10/bag	C	1	5	7.65 BG
553-3W	¾" CTS	C	50	50	0.78 EA
553-3WPK3	¾" CTS, 10/bag	C	1	5	8.45 BG
553-4W	1" CTS	C	50	50	0.85 EA
553-4WPK3	1" CTS, 10/bag	C	1	5	9.15 BG
553-5W	1¼" CTS	C	50	50	0.97 EA
553-5WPK3	1¼" CTS, 10/bag	C	1	5	10.35 BG

Milford Hanger

Epoxy-coated Steel



512-312PK

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
512-26PK	½" CTS × 6"	C*	50	50	1.45 EA
512-36PK	¾" CTS × 6"	C*	50	50	1.50 EA
512-46PK	1" CTS × 6"	C*	50	50	1.62 EA
512-212PK	½" CTS × 12"	C*	50	50	2.00 EA
512-312PK	¾" CTS × 12"	C*	50	50	2.14 EA
512-412PK	1" CTS × 12"	C*	50	50	2.43 EA

Natick Hanger

Copper-plated Steel



513-26PK

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
513-26PK	½" CTS × 6"	C*	25	25	2.00 EA
513-36PK	¾" CTS × 6"	C*	25	25	2.05 EA

Cable Tie

- Durable, non-corrosive black nylon
- Use a #10 screw or nail to secure mounting cable ties



554-608



554-08

Item No.	Length × Width	Failure Load	Max Bundle	Pkg	Min Qty	Case Qty	List Price
		STANDARD					
554-08	8" × 3/16"	50 lbs.	2"	B	100	2500	0.07 EA
554-14	14½" × 3/16"	40 lbs.	4"	B	100	1000	0.15 EA
554-14H	14½" × 5/16"	175 lbs.	4"	B	100	1000	0.31 EA
554-21	21" × 5/16"	175 lbs.	6"	B	50	500	0.49 EA
554-36	36" × 5/16"	175 lbs.	11"	B	50	250	0.67 EA
		MOUNTING					
554-608	8" × 3/16"	50 lbs.	2⅜"	B	100	500	0.19 EA
554-614	14" × 3/16"	50 lbs.	4"	B	100	1000	0.29 EA

SPEC SHEET

Anchors, Screws and Fasteners

- Each anchor screw kit includes:
  100 1" zinc-plated screws, 100 flanged plastic anchors, carbide masonry drill bit, reusable polypro box
- Most common fastener hardware available



590-10



591-06B



591-081

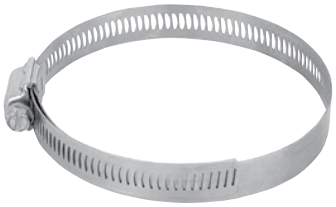


509-PK2

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	ANCHORS				
590-10	Kit: 100 #10 × 1" 5/16" hex/slotted/Phillips head screws, 100 plastic anchors and one ¼" carbide bit	B	1	10	9.63 KT
590-11	Replacement drill bit for 590-10	B	10	50	4.75 EA
	SCREWS				
591-06B	#6 × 1" yellow zinc-plated, coarse-thread wood screw, 100/bag	B	1	10	2.34 BG
591-081	#8 x 1" zinc-plated drill-tip Phillips screw, 100/bag	B	1	10	4.99 BG
	NAILS				
509-PK2	1⅛" tube strap nail zinc-plated, 50/bag	B	20	20	1.90 BG

Stainless Steel Bands

- Standard or "Snap-lock" types available
- Stainless steel slotted, 5⁄16" hex head screw
- ½" wide × .025" thick 300 stainless steel material



574-72



574-75

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STAINLESS STEEL BANDS				
574-72	5" standard stainless steel band	B	50	50	1.93 EA
574-74	4" snap-lock stainless steel band	B	50	50	2.41 EA
574-75	5" snap-lock stainless steel band	B	50	50	2.61 EA
574-104	7" snap-lock stainless steel band	B	50	50	2.98 EA

Notes

DWV HANGERS

EXTENSION HANGERS

HANGER STRAPS

GROUND STAKES

DWV Hangers



Hangs Tuff™
p 441



Swivel J-Hanger™
p 442



Gas Vent Pipe Support
p 442



ZipStick™
p 443



Metal DWV Hangers
p 444



Stick-Em Up™
p 444



Ape Tape™
p 445



Plastic Hanger Strap
p 445



Metal Hanger Strap
p 446



Tab Tape™
p 446



Tomahawk™
p 447

Hangs Tuff™

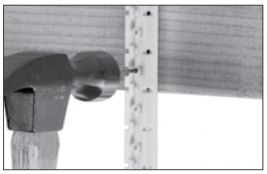
DWV Pipe Hanger

Patent # 5,385,320

- Strong and rigid I-beam design keeps pipe secure
- Two ring-shank nails conveniently supplied
- 100% corrosion proof, impact resistant ABS
- Can be glued to ABS or PVC pipe with all-purpose glue



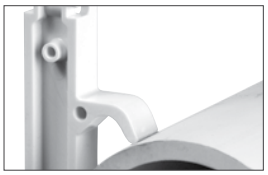
Two nails supplied for easy installation.



Opposing holes are ½" on center.



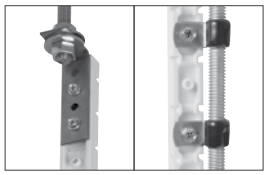
Cradles pipe before final installation.



Locking finger holds pipe in place.



Locking finger allows installation at all angles.



Extend length by using all thread rod and vinyl-coated clamps or L-bracket.



553-8



521-210

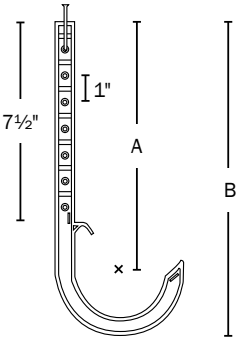
553-9W



Related Products
Vinyl-Coated Clamp *p 434*

Item No.	Description	Dimension A	Dimension B	Pkg	Min Qty	Case Qty	List Price
		WHITE					
553-6W	1½" Sch. 40	8⅝"	10"	C*	50	50	0.85 EA
553-6WPK3	1½" Sch. 40, 10/bag	8⅝"	10"	C*	1	5	9.15 BG
553-7W	2" Sch. 40	8 15/16"	10½"	C*	50	50	0.90 EA
553-7WPK3	2" Sch. 40, 10/bag	8 15/16"	10½"	C*	1	5	9.65 BG
553-8W	3" Sch. 40	9 7/16"	11¾"	C*	50	50	1.02 EA
553-8WPK3	3" Sch. 40, 10/bag	9 7/16"	11¾"	C*	1	5	10.85 BG
553-830W	3" Sch. 30	9 5/16"	11¾"	C*	50	50	1.14 EA
553-830WPK3	3" Sch. 30, 10/bag	9 5/16"	11¾"	C*	1	5	12.05 BG
553-9W	4" Sch. 40	9 15/16"	12⅜"	C*	25	25	1.14 EA
553-9WPK3	4" Sch. 40, 10/bag	9 15/16"	12⅜"	C*	1	5	12.06 BG
		BLACK					
553-6	1½" Sch. 40	8⅝"	10"	C*	50	50	0.94 EA
553-6PK3	1½" Sch. 40, 10/bag	8⅝"	10"	C*	1	5	10.05 BG
553-7	2" Sch. 40	8 15/16"	10½"	C*	50	50	1.00 EA
553-7PK3	2" Sch. 40, 10/bag	8 15/16"	10½"	C*	1	5	10.65 BG
553-8	3" Sch. 40	9 7/16"	11¾"	C*	50	50	1.11 EA
553-8PK3	3" Sch. 40, 10/bag	9 7/16"	11¾"	C*	1	5	11.75 BG
553-9	4" Sch. 40	9 15/16"	12⅜"	C*	25	25	1.21 EA
553-9PK3	4" Sch. 40, 10/bag	9 15/16"	12⅜"	C*	1	5	12.75 BG
		L-BRACKET					
521-210	L-bracket for ⅜" all thread rod			B	25	100	1.05 EA

According to all national codes, ABS or PVC DWV pipe is to be supported every four feet or less. When hanging steel or cast iron pipe, install Hangs Tuff™ two feet on center (or less), cinch with cable tie, and anchor with min 1½", #10 wood screws.



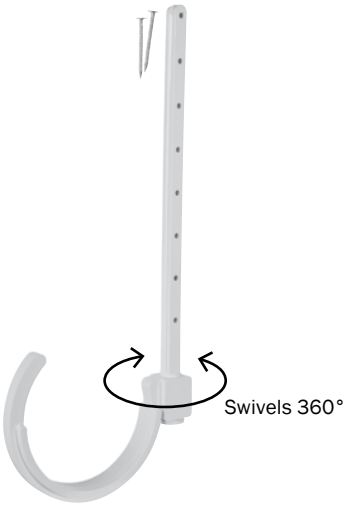
SPEC SHEET

Except 553-830W

Swivel J-Hanger™

DWV Hanger

- Cradle swivels 360°
- Install pipe from any direction
- Allows for expansion and contraction
- Ideal for running vent pipes across the attic
- 100% corrosion proof
- UV resistant



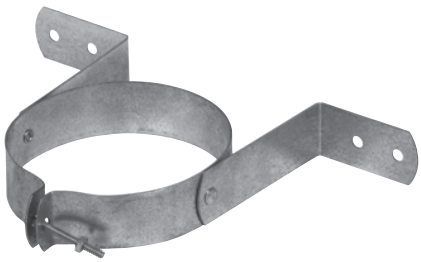
553-8WZ

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
553-6WZ	1½" DWV	B	25	100	1.22 EA
553-6WZPK2	1½" DWV, 4/bag	B	1	5	6.55 BG
553-7WZ	2" DWV	B	25	100	1.27 EA
553-7WZPK2	2" DWV, 4/bag	B	1	5	6.82 BG
553-8WZ	3" DWV	B	25	100	1.54 EA
553-8WZPK2	3" DWV, 4/bag	B	1	5	7.64 BG
553-9WZ	4" DWV	B	25	100	1.60 EA
553-9WZPK2	4" DWV, 4/bag	B	1	5	7.91 BG

SPEC SHEET

Gas Vent Pipe Support

- Use with Type B gas vent pipes
- Supports and stabilizes vertical or horizontal vent pipes
- Pivoting foot with 1½" or 3" offset
- Non-corrosive, 18-gauge galvanized steel



549-809

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
549-808	3" metal vent support	B	6	6	5.78 EA
549-809	4" metal vent support	B	6	6	6.15 EA
549-810	5" metal vent support	B	6	6	6.83 EA
549-811	6" metal vent support	B	6	6	7.56 EA

ZipStick™

Universal Pipe Hanger

- Perfect for hanging DWV, wrapped or insulated pipe, bundles of PEX, cable, wiring or supporting vent pipe in attics
- Universal cradle hangs any pipe from 1" CTS to 6" IPS
- White or black, with 10", 14" or 26" stems
- Graduated numerals at nail ways for easy measuring
- Releasable locking mechanism

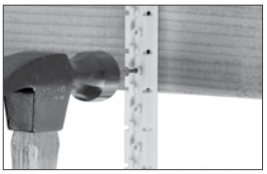
ZipStrap™

Ratchet-Locking Strap

- Extends total strap length on ZipStick for large O.D. applications
- Compatible with copper, PEX or CPVC



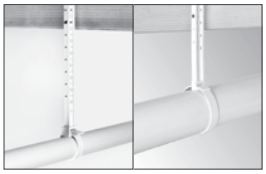
Two nails supplied for easy installation.



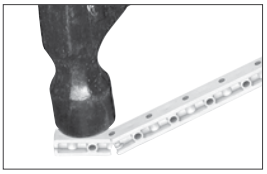
Opposing holes are ½" on center.



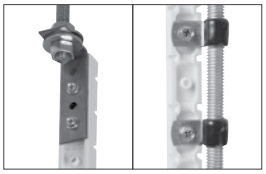
Easy, more natural, pull-down cinching motion.



Hangs any pipe 1⅛" O.D. to 6⅜" O.D. over center.



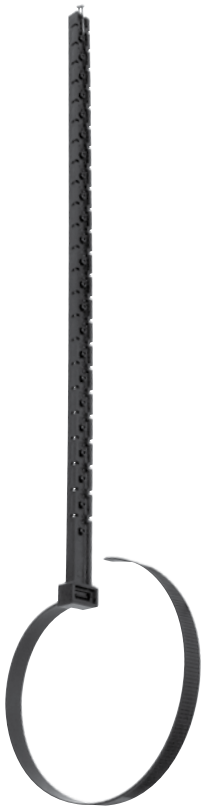
Snap off sections to create a shorter hanger for tight spaces.



Extend stem length by using all-thread rod and vinyl-coated clamps or a L-bracket.



553-010W



553-026B



553-0LB



521-210

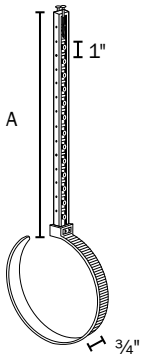


Related Products

Vinyl-Coated Clamp *p 434*

Item No.	Description	Dimension A	Pkg	Min Qty	Case Qty	List Price
ZIPSTICK						
553-010W	white	10"	B	25	100	2.30 EA
553-014W	white	14"	B	25	100	2.79 EA
553-014WPK	white	14"	C*	1	25	2.84 EA
553-026W	white	26"	B	25	50	4.34 EA
553-010B	black	10"	B	25	100	2.30 EA
553-014B	black	14"	B	25	100	2.79 EA
553-014BPK	black	14"	C*	1	25	2.84 EA
553-026B	black	26"	B	25	50	4.34 EA
ZIPSTRAP						
553-0LW	white	—	B	1	100	1.34 EA
553-0LB	black	—	B	1	100	1.34 EA
L-BRACKET						
521-210	L-bracket for ⅜" all thread rod		B	25	100	1.05 EA

According to all national codes, ABS or PVC DWV pipe is to be supported every four feet or less. When hanging steel or cast iron pipe, install ZipStick™ two feet on center (or less), and anchor with mn 1½", #10 wood screws.



Metal DWV Hanger

Galvanized, Vinyl-coated or Stainless Steel

- Locking screw keeps pipe secure
- Keyhole design provides faster installations



510-9PK



510-9VPK

Related Products
ZipStick™ *p 443*
A better hanger.



Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	GALVANIZED				
510-6PK	1½" DWV	C*	20	20	1.98 EA
510-7PK	2" DWV	C*	20	20	2.12 EA
510-8PK	3" DWV	C*	20	20	2.63 EA
510-9PK	4" DWV	C*	20	20	2.95 EA
	VINYL-COATED				
510-6VPK	1½" DWV	C*	10	10	4.00 EA
510-7VPK	2" DWV	C*	10	10	4.25 EA
510-8VPK	3" DWV	C*	10	10	4.99 EA
510-9VPK	4" DWV	C*	10	10	5.91 EA
	STAINLESS STEEL				
510-6S	1½" DWV	C*	20	20	6.46 EA
510-7S	2" DWV	C*	20	20	6.67 EA
510-8S	3" DWV	C*	20	20	7.40 EA
510-9S	4" DWV	C*	20	20	8.14 EA

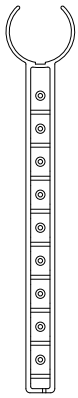
Stick-Em Up™

DWV Pipe Support

- 100% corrosion proof, impact resistant
- Strong I-beam design to support vent pipe
- Can be glued to ABS or PVC pipe with all-purpose glue
- Each model supports two pipe sizes



549-734





Glue to DWV pipe to support vertical runs.



Secure pipe to form for stack placement inside stud wall.



Numbered nail ways are 1" on center for easy measuring and drain calculation.



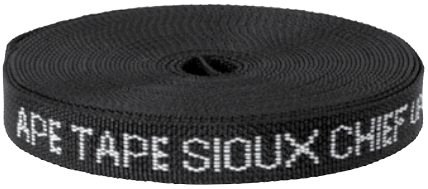
Support horizontal runs of vent pipe in the attic.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
549-712	1½"–2" DWV	B	50	100	2.08 EA
549-712PK	1½"–2" DWV - IBC	C*	25	25	2.20 EA
549-734	3"–4" DWV	B	25	100	2.14 EA
549-734PK	3"–4" DWV - IBC	C*	25	25	2.25 EA

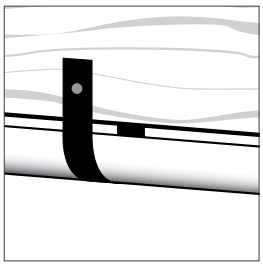
Ape Tape™

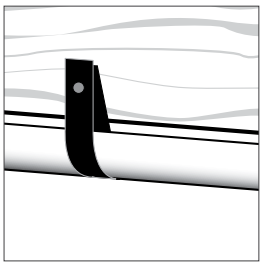
Woven Polypropylene Hanger Strap

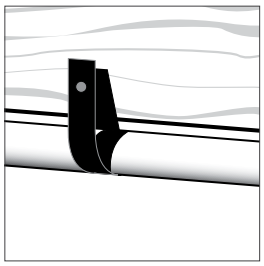
- No sharp edges to cut installer's hand or pipe
- Strong, durable material yet lightweight
- Max load: 125 lbs.
- Will not fracture in extremely cold temperatures
- Cut to desired length
- Install nail or screw at least 1" from end of strap



554-25W







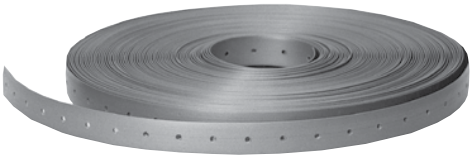
Ape Tape may be installed on one, or both sides of the joist.
Double-wrap for a more secure installation.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
554-10WPK2	⅝" × 10 ft, 1/bag	C*	10	10	2.03 BG
554-25W	⅝" × 25 ft, 1/bag	C*	1	20	3.28 BG
554-100W	⅝" × 100 ft, 1/bag	C*	1	20	11.65 BG

Plastic Hanger Strap

Polypropylene with ⅛" Holes

- Not recommended in extremely cold climates (below 32°F)
- Max load: 20 lbs.



554-100

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
554-10PK2	¾" × 10 ft coil, 1/bag	C*	10	10	2.07 BG
554-25	¾" × 25 ft coil, 1/bag	B*	1	20	3.45 BG
554-100	¾" × 100 ft coil, 1/bag	B*	1	20	11.70 BG

Metal Hanger Strap

Alternating ¼" and 3⁄16" Holes
Galvanized or Copper-plated Steel



528-50

Related Products
Hangs Tuff™ *p 441*
A better hanger.

Item No.	Description	Gauge	Pkg	Min Qty	Case Qty	List Price
GALVANIZED STEEL WITH ALTERNATING ¼" AND 3⁄16" HOLES						
524-10	¾" × 10 ft coil	24	B	50	50	1.64 EA
524-10PK	¾" × 10 ft coil	24	B*	50	50	1.75 CL
524-10PK2	¾" × 10 ft coil, 1/bag	24	C*	10	10	1.87 BG
524-1022PK2	¾" × 10 ft coil, 1/bag	22	C*	10	10	2.21 BG
524-50	¾" × 50 ft coil	24	B	10	10	7.70 EA
524-50PK3	¾" × 50 ft coil, 1/box	24	B*	1	10	8.41 BX
524-100	¾" × 100 ft coil	24	B	5	5	15.40 EA
528-10	¾" × 10 ft coil	28	B	50	50	1.60 EA
528-10PK	¾" × 10 ft coil	28	B*	50	50	1.72 CL
528-10PK2	¾" × 10 ft coil, 1/bag	28	C*	10	10	1.83 BG
528-25PK2	¾" × 25 ft coil, 1/bag	28	C*	1	12	3.69 BG
528-50	¾" × 50 ft coil	28	B	10	10	7.33 EA
528-100	¾" × 100 ft coil	28	B	5	5	14.65 EA
COPPER-PLATED STEEL WITH ALTERNATING ¼" AND 3⁄16" HOLES						
524-10C	¾" × 10 ft coil	24	B	50	50	4.43 EA
524-10CPK2	¾" × 10 ft coil, 1/bag	24	C*	10	10	5.21 BG

SPEC SHEET

NEW

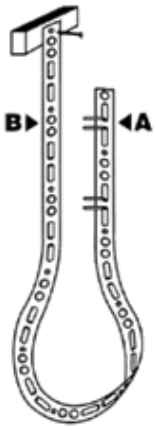
Tab Tape™

Patent No. 5,522,571

- Galvanized steel
- Spliceable, self-fastening Tab Tape™ reduces labor and installation costs
- Bendable tabs eliminate need for additional hardware



528-10TPK2



Loop around pipe or conduit. Insert two "A" tabs through two "B" holes and bend tabs flat.

SPEC SHEET

Item No.	Description	Gauge	Pkg	Min Qty	Case Qty	List Price
528-10TPK2	3/4" x 10 ft coil, 1/bag	28	C*	12	12	2.50 EA

Tomahawk™

DWV Ground Stake

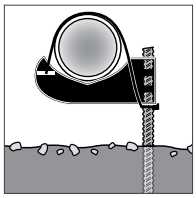
Patent No. 6,901,716 B1 (535-14 and 535-26)

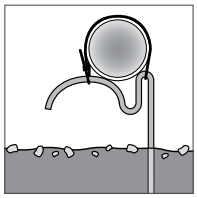
- Prevents pipe from floating or moving during concrete pours
- Supports closer bends
- Secures 1½" – 6" Sch. 40 DWV piping
- 14" and 26" lengths available





Secures DWV pipe on grade, preventing stub ups from moving or floating during concrete pour.





When supporting pipe above ground, secure pipe with cable ties, wire, tape, etc. Use 535-9P poly head inverted on your own ⅜" (#3) rebar.



535-914



535-14



535-9P

Item No.	Length	Pkg	Min Qty	Case Qty	List Price
	⅜" ALL STEEL				
535-14	14"	B	25	25	3.01 EA
535-26	26"	B	25	25	4.26 EA
	POLYETHYLENE HEAD				
535-914	14"	B	25	25	2.74 EA
535-926	26"	B	25	25	3.93 EA
535-9P	head only	B	50	50	0.69 EA

Notes

BRACKETS

STUB OUT BRACKETS

Strong Arm™ System
Bend Supports
Power Bar™
Secure-All™
Flat brackets

COMMERCIAL BRACKETS

Bell Hangers
Carrier Brackets
Chase Bracket™ & Mid-Span Brackets
Pipe Titan™
Grid Iron™
Power Bar Mini Strut™

ACCESSORIES

Sioux Chief Sammy™ Screws
Cast-In Place Deck Anchors
Overhead Beam Clamps
Clevis & Split Ring Hangers
Pipe Eye Suspension Bracket™
Touchdown II™ Strut Clamp
Protective Plates
Water Heater Stands



Strong Arm™ with Lock Block
p 451



Strong Arm™ with PEX Bend Lock Block
p 454



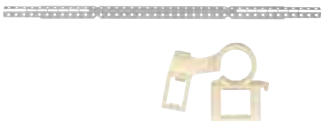
Side Winder™
p 456



Power Bar™
p 457



Simple Strap™
p 459



Edge Support System™
p 460



Secure-All™
p 461



A-1 Pipe Bracket™
p 462



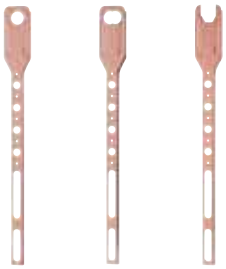
Solder Straps
p 463



Copper Star™
p 463



CTS Bell Hanger
p 464



Carrier Bracket
p 464



Chase Bracket™
p 465



Pipe Titan™
p 466



Grid Iron™
p 467



Power Bar Mini Strut™
p 468



Sioux Chief Sammys™
p 470



Pipe Eye Suspension Bracket™
p 474



TouchDown II™ Strut Clamp
p 475



Water Heater Stand
p 477

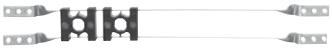
Strong Arm™
Bracketing System with
Lock Block™
CTS Tube Clamp

Patent #8,061,390

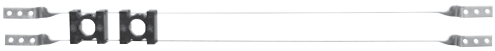
- Rigidly secures any ½" – 1" CTS stub out and prevents all movement
- Lock Blocks™ are pre-assembled on a pair of brackets or available with 2½" screws to mount directly to structure
- Twisted brackets easily mount to the face of the stud and L-bent brackets mount inside the stud cavity
- Lock Blocks compress on tube and brackets after screws are tightened



525-1012



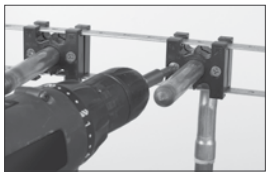
525-1622



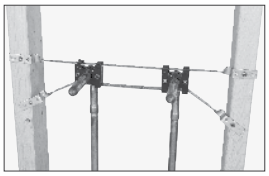
525-2423



Mount top bracket to each stud then slide block(s) to correct stub out location.



Install stub out and tighten screws on blocks.



Bend bottom bracket as close as possible to Lock Block and secure bracket to stud.



525-B2



525-B4



525-B3S

	Item No.	Description	Pkg	Min Qty	Case Qty	List Price
		STRONG ARM FOR NARROW (LESS THAN 10") STUD BAYS				
NEW	525-1012	Twisted bracket with one ½" Lock Block	B	25	25	2.91 EA
		STRONG ARM WITH STANDARD LOCK BLOCKS FOR 16" STUD BAYS				
	525-1612	Twisted bracket with one ½" Lock Block	B	25	25	3.17 EA
NEW	525-1612L	L-Bent bracket with one ½" Lock Block	B	25	25	3.17 EA
	525-1613	Twisted bracket with one ¾" Lock Block	B	25	25	3.33 EA
	525-1614	Twisted bracket with one 1" Lock Block	B	25	25	3.48 EA
	525-1622	Twisted bracket with two ½" Lock Blocks	B	25	25	3.95 EA
NEW	525-1622L	L-Bent bracket with two ½" Lock Blocks	B	25	25	3.91 EA
	525-1622PK1	Twisted bracket with two ½" Lock Blocks	C*	10	10	6.81 EA
	525-1623	Twisted bracket with two ¾" Lock Blocks	B	25	25	4.14 EA
	525-1624	Twisted bracket with two 1" Lock Blocks	B	25	25	4.21 EA
		STRONG ARM WITH STANDARD LOCK BLOCKS FOR 24" STUD BAYS				
	525-2412	Twisted bracket with one ½" Lock Block	B	25	25	3.60 EA
	525-2413	Twisted bracket with one ¾" Lock Block	B	25	25	3.75 EA
	525-2414	Twisted bracket with one 1" Lock Block	B	25	25	4.33 EA
	525-2422	Twisted bracket with two ½" Lock Blocks	B	25	25	4.38 EA
	525-2423	Twisted bracket with two ¾" Lock Blocks	B	25	25	4.53 EA
	525-2424	Twisted bracket with two 1" Lock Blocks	B	25	25	5.11 EA
		LOCK BLOCKS ONLY - FASTEN TO ANY STUD				
NEW	525-B2S	One ½" Lock Block with two 2½" drill-tip screws	B	1	50	1.64 EA
NEW	525-B3S	One ¾" Lock Block with two 2½" drill-tip screws	B	1	50	1.98 EA
		BULK COMPONENTS				
	525-B2	½" Lock Block with screws	B	50	50	0.83 EA
	525-B3	¾" Lock Block with screws	B	50	50	0.88 EA
	525-B4	1" Lock Block with screws	B	50	50	0.94 EA
NEW	525-10T	Twisted bracket for narrow stud bays	B	100	100	0.94 EA
	525-16T	Twisted bracket for 16" stud bays	B	100	100	1.20 EA
	525-24T	Twisted bracket for 24" stud bays	B	100	100	1.35 EA
	525-20B	L-bent bracket for 16" stud bays	B	100	100	1.15 EA
	525-27B	L-bent bracket for 24" stud bays	B	100	100	1.36 EA
	591-06B	#6 × 1" screw, coarse thread for wood studs, 100/bag	B	1	10	2.34 BG
	591-081	#8 × 1" screw, drill-tip point for metal studs, 100/bag	B	1	10	4.99 BG

NOTE: All pre-assembled brackets include wood screws for mounting brackets to wood studs. For metal studs, please order 591-081 drill-tip screws separately.

SPEC SHEET

Safe soldering distance on ½" Lock Block is four inches. Use wet rag to prevent heat transfer on ¾" or 1" Lock Blocks.

Strong Arm™

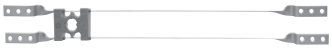
Bracketing System with

UL-94 V0 Flame-Rated Lock Block™

CTS Tube Clamp

Patent #8,061,390

- Rigidly secures any CTS stub out and prevents all movement
- Lock Blocks™ are pre-assembled on each pair of brackets
- Twisted brackets easily mount to the face of the stud
- Lock Blocks compress on tube and brackets after screws are tightened
- Available for 16" and 24" stud bays
- UL-94 V0 Flame-Rated Lock Blocks are red for easy inspection and identification when flame ratings are specified



525-1612R



525-1622R



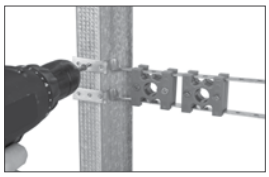
525-2424R



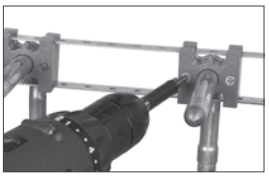
525-B2R



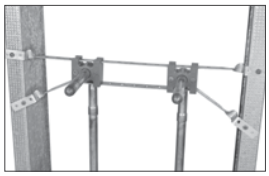
525-B3R



Mount top bracket to each stud then slide block(s) to correct stub out location.



Install stub out elbows and tighten screws on blocks.



Bend bottom bracket as close as possible to Lock Block and secure bracket to stud.

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
STRONG ARM WITH UL-94 V0 FLAME-RATED LOCK BLOCKS FOR 16" STUD BAYS					
525-1612R	Twisted bracket with one ½" flame-rated Lock Block	B	25	25	3.80 EA
525-1613R	Twisted bracket with one ¾" flame-rated Lock Block	B	25	25	4.00 EA
525-1614R	Twisted bracket with one 1" flame-rated Lock Block	B	25	25	4.11 EA
525-1622R	Twisted bracket with two ½" flame-rated Lock Blocks	B	25	25	5.15 EA
525-1623R	Twisted bracket with two ¾" flame-rated Lock Blocks	B	25	25	5.30 EA
STRONG ARM WITH UL-94 V0 FLAME-RATED LOCK BLOCKS FOR 24" STUD BAYS					
525-2412R	Twisted bracket with one ½" flame-rated Lock Block	B	25	25	4.33 EA
525-2414R	Twisted bracket with one 1" flame-rated Lock Block	B	25	25	4.64 EA
525-2422R	Twisted bracket with two ½" flame-rated Lock Blocks	B	25	25	5.76 EA
525-2424R	Twisted bracket with two 1" flame-rated Lock Blocks	B	25	25	6.07 EA
BULK COMPONENTS					
525-B2R	½" UL-94 V0 flame-rated Lock Block	B	50	50	1.45 EA
525-B3R	¾" UL-94 V0 flame-rated Lock Block	B	50	50	1.50 EA
525-B4R	1" UL-94 V0 flame-rated Lock Block	B	50	50	1.55 EA
525-16T	Twisted bracket for 16" stud bays	B	100	100	1.20 EA
525-24T	Twisted bracket for 24" stud bays	B	100	100	1.35 EA
525-20B	L-bent bracket for 16" stud bays	B	100	100	1.15 EA
525-27B	L-bent bracket for 24" stud bays	B	100	100	1.36 EA
591-06B	#6 × 1" screw, coarse thread for wood studs, 100/bag	B	1	10	2.34 BG
591-081	#8 × 1" screw, drill-tip point for metal studs, 100/bag	B	1	10	4.99 BG

NOTE: All pre-assembled brackets include wood screws for mounting brackets to wood studs. For metal studs, please order 591-081 drill-tip screws separately.

Safe soldering distance on ½" Lock Block is four inches. Use wet rag to prevent heat transfer on ¾" or 1" Lock Blocks.

Strong Arm™

Bracketing System with

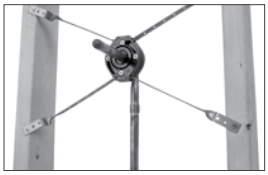
Shower WallNut™ Lock Block™

Shower Riser Support

Patent #8,061,390



525-16WLB



The Shower WallNut™ Lock Block™ is larger, providing a greater surface area behind the drywall mud.



The Shower WallNut Lock Block is so rigid, installers can now use a PEX or CPVC riser from the valve to the stub out elbow and use a Shower WallNut to bring the connection outside the wall.



See Shower WallNut instructions to complete the installation.



525-WLB

Sioux Chief's Shower WallNut System carries a limited lifetime warranty only when all of the following Sioux Chief components are used and installed per manufacturer's instructions:

1. Sioux Chief copper stub out elbow or preformed copper shower riser



2. Strong Arm™ Bracket with Shower WallNut Lock Block



3. Shower WallNut Shower Arm Adapter

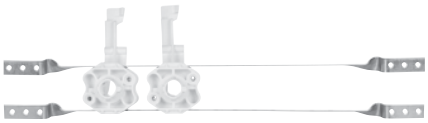


Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STRONG ARM WITH SHOWER WALLNUT LOCK BLOCK				
525-16WLB	Twisted bracket with one ½" Shower WallNut Lock Block for 16" stud bays	B	25	25	4.02 EA
525-24WLB	Twisted bracket with one ½" Shower WallNut Lock Block for 24" stud bays	B	25	25	4.45 EA
	BULK COMPONENTS				
525-WLB	Shower WallNut Lock Block for supporting ½" riser	B	50	50	1.40 EA
525-16T	Twisted bracket for 16" stud bays	B	100	100	1.20 EA
525-24T	Twisted bracket for 24" stud bays	B	100	100	1.35 EA
591-06B	#6 × 1" screw, coarse thread for wood studs, 100/bag	B	1	10	2.34 BG
591-081	#8 × 1" screw, drill-tip point for metal studs, 100/bag	B	1	10	4.99 BG

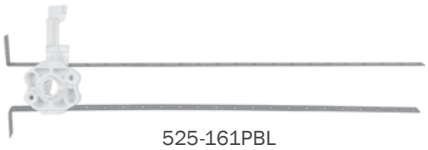
NOTE: All pre-assembled brackets include wood screws for mounting brackets to wood studs. For metal studs, please order 591-081 drill-tip screws separately.



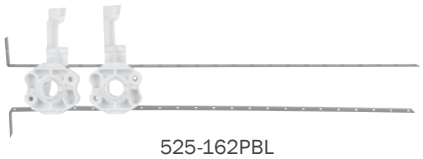
525-161PB



525-162PB



525-161PBL



525-162PBL



525-P2

Strong Arm™

Bracketing System with

PEX Bend Lock Block™

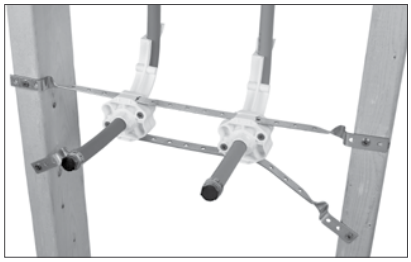
Flexible Tube Support

360° Swivel

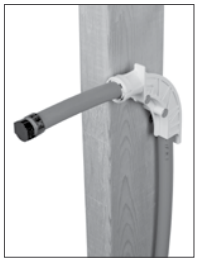
Patent #8,061,390

Patent #8,141, 831

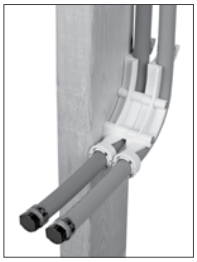
- Use when stubbing out with ½" flexible CTS tube
- Strong Arm™ brackets provide a very rigid installation
- Plastic elbow swivels 360° to work with tubing coming from any direction
- PEX Bend Lock Blocks™ are pre-assembled on each pair of brackets
- Position stub outs at any desired location within the stud bay
- Twisted brackets mount to face of stud, and L-bent brackets mount inside stud cavity
- When screws on blocks are tightened, blocks compress on tube, brackets and elbow eliminating all movement



525-162PB installed.



One 525-P2 nailed directly to the stud.



Two 525-P2s stacked.

	Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STRONG ARM WITH PEX BEND LOCK BLOCK FOR NARROW (LESS THAN 10") STUD BAYS					
NEW	525-101PB	Twisted bracket with one PEX Bend Lock Block	B	25	25	3.86 EA
	STRONG ARM WITH PEX BEND LOCK BLOCK FOR 16" STUD BAYS					
	525-161PB	Twisted bracket with one PEX Bend Lock Block	B	25	25	4.35 EA
	525-162PB	Twisted bracket with two PEX Bend Lock Blocks	B	25	25	5.20 EA
	525-161PBL	L-bent bracket with one PEX Bend Lock Block	B	25	25	4.35 EA
	525-162PBL	L-bent bracket with two PEX Bend Lock Blocks	B	25	25	5.20 EA
NEW	525-161PBPK	Strong Arm with one PEX Bend Lock Block	C*	10	10	6.45 EA
NEW	525-162PBPK	Strong Arm with two PEX Bend Lock Blocks	C*	10	10	7.96 EA
	STRONG ARM WITH PEX BEND LOCK BLOCK FOR 24" STUD BAYS					
	525-241PB	Twisted bracket with one PEX Bend Lock Block	B	25	25	4.85 EA
	525-242PB	Twisted bracket with two PEX Bend Lock Blocks	B	25	25	5.70 EA
	525-241PBL	L-bent bracket with one PEX Bend Lock Block	B	25	25	4.85 EA
	525-242PBL	L-bent bracket with two PEX Bend Lock Blocks	B	25	25	5.60 EA
	ACCESSORY AND BULK COMPONENTS					
	525-P2	½" PEX Bend (elbow only)	B	50	50	1.19 EA
NEW	525-P2PK	½" PEX Bend (elbow only)	C*	10	10	1.34 EA
	525-16T	Twisted bracket for 16" stud bays	B	100	100	1.20 EA
	525-24T	Twisted bracket for 24" stud bays	B	100	100	1.35 EA
	525-20B	L-bent bracket for 16" stud bays	B	100	100	1.15 EA
	525-27B	L-bent bracket for 24" stud bays	B	100	100	1.36 EA
SPEC SHEET	591-06B	#6 × 1" screw, coarse thread for wood studs, 100/bag	B	1	10	2.34 BG
IAPMO	591-081	#8 × 1" screw, drill-tip point for metal studs, 100/bag	B	1	10	4.99 BG

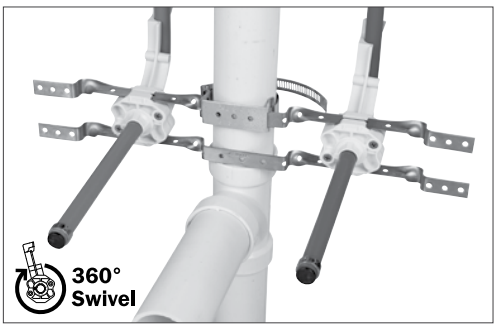
NOTE: All pre-assembled brackets include wood screws for mounting brackets to wood studs. For metal studs, please order 591-081 drill-tip screws separately.

Strong Arm™ Vent Support

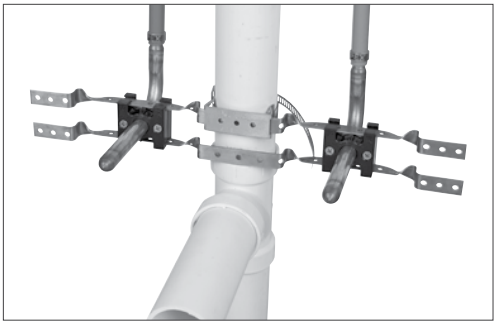
Patent #8,061,390

Patent #8,141, 831

- Secure directly to vent pipe when studs are not available (ideal for pedestal lavatories and island sinks)
- Completely pre-assembled to reduce labor costs
- Snap-lock band secures to 1½" – 2" DWV



525-162PBV



525-1622V

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
STRONG ARM WITH LOCK BLOCKS – VENT PIPE APPLICATION					
525-1622V	Strong Arm with two ½" Lock Blocks for Vent Pipe with saddle clamp and stainless steel snap-lock band	B	25	25	6.40 EA
STRONG ARM WITH PEX BEND LOCK BLOCKS – VENT PIPE APPLICATION					
525-162PBV	Strong Arm with two ½" PEX Bend Lock Blocks for Vent Pipe with saddle clamp and stainless steel snap-lock band	B	25	25	8.11 EA
STRONG ARM VENT BRACKETS – BULK					
525-24TX2	24" Strong Arm Bracket with extra twists	B	100	100	1.51 EA

Lock Block™ Faceplate

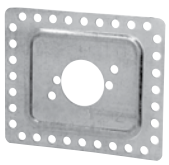
Flexible Tube Support



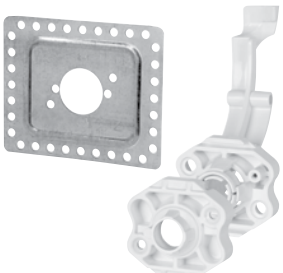
- New faceplate works with both PEX Bend or Standard Lock Blocks™
- Nail directly to stud or retrofit by attaching to pre-existing horizontal brace
- Ideal for re-piping projects



525-P22



525-P2M



525-P2M1

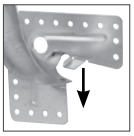
Item No.	Description	Pkg	Min Qty	Case Qty	List Price
525-P2	½" PEX Bend (elbow only)	B	50	50	1.19 EA
525-P22	½" PEX Bend with Lock Block (no brackets)	B	50	50	1.86 EA
525-P2M	Lock Block Faceplate	B	25	100	1.42 EA
525-P2M1	Lock Block Faceplate with PEX Bend Lock Block	B	25	25	3.11 EA



550-M2



550-MP2



Bendable tab traps tube in place.

SideWinder™

Metal Bend Supports

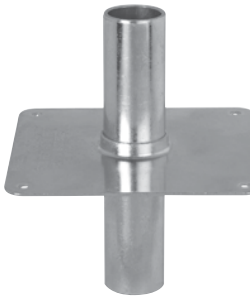
Patent No. 6,352,224

- Forms tight radius 90° bends in flexible CTS tube without kinking
- Nail plate models have unique open corner which allows tube to be inserted after the bracket is installed and after tubing end has been plugged
- Pre-drilled hole for ⅜" (#3) rebar allows installer to use as a ground stake for flexible CTS tube
- Mount several Sidewinders to Power Bar™ to organize pipes underground before the pour





Item No.	Description	Pkg	Min Qty	Case Qty	List Price
550-M1	Metal bend for ⅜" PEX	B	50	50	0.89 EA
550-M2	Metal bend for ½" PEX	B	50	50	1.00 EA
550-M2PK	Metal bend for ½" PEX, 10/box	C*	10	10	1.70 BX
550-MP2	Metal bend for ½" PEX with nail plate	B	25	25	3.48 EA
550-MP2PK	Metal bend for ½" PEX with nail plate, 10/box	C*	10	10	3.54 BX
550-M3	Metal bend for ¾" PEX	B	25	25	1.70 EA
550-M3LS	Metal bend for ¾" PEX, Long Sweep	B	25	25	1.86 EA
550-M3PK	Metal bend for ¾" PEX, 10/box	C*	10	10	2.30 BX
550-MP3	Metal bend for ¾" PEX with nail plate	B	25	25	3.98 EA



550-FP2



550-FP2S

Straight Floor Sleeve

- Rigid support for flexible ½" CTS tubing
- Supports and protects tube through sub-floor going directly to the fixture
- Shorter tube option allows tube support to be concealed with an escutcheon when penetrating finished floor or base cabinet

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
550-FP2	½" CTS floor support	B	25	25	3.87 EA
550-FP2S	½" CTS floor support with short tube protector	B	25	25	3.60 EA

Power Bar™

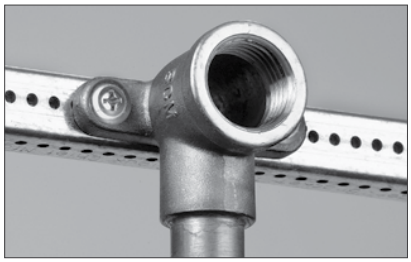
Universal Slider Bracket

Patent # 6,446,915

Patent # 6,402,096

- Galvanized steel bracket and tough plastic clamp are strong and support tube or pipe without bowing
- Available with one, two or three TouchDown clamps pre-loaded to reduce installation time
- Shorter bracket expands to fit openings from 9" – 16"
- Longer bracket expands to fit openings from 14" – 26"
- Clamps secure ¼" – 1" CTS copper, CPVC or PEX





Drop ear: screw directly to the bracket for solid shower arms.



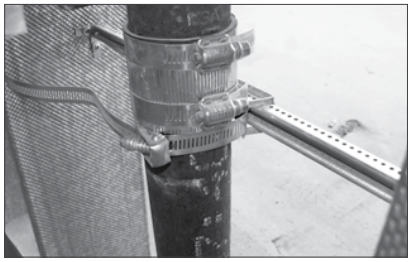
Tub/shower valve: fast, secure and professional installations.



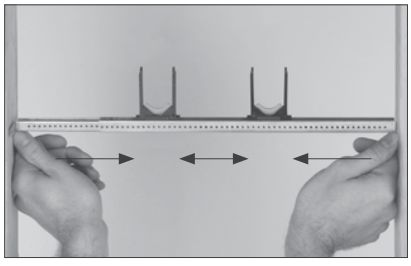
Large pipe: use TouchDown II™ clamps for pipe up to 2".



Wall bracket: use as a pipe stand-off and organizer.



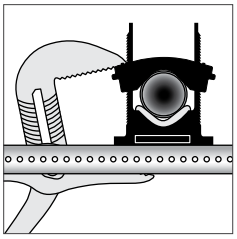
Use with Saddle-Up™ clamp to stabilize vertical vent or header pipes between floors.



Expand bracket to fit stud bay then slide clamps to preferred tube position.



Place tube inside clamps and cinch the bridge down evenly over posts to secure.



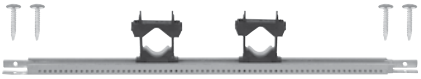
Overlap the Bracket. The bracket should overlap a minimum of 2" in center.

Fasten Securely. Make sure all four tabs are secured to the studs.

Cinch Evenly. Use pliers to evenly “bow the bridge” for maximum clamp tension.



523-1610



523-2424



522-5501



522-100B



523-01

Power Bar™

Universal Slider Bracket

Patent # 6,446,915

Patent # 6,402,096

TouchDown™

Universal Pipe Clamp

- Clamps ¼" – 1" CTS (copper, PEX or CPVC) tube and ⅛" – 1" Sch. 40 pipe
- Optional Pipe Down™ noise absorption blocks available
- E84 models meet ASTM E84 25/50 Flame/ Smoke Spread and UL94 V-0 flame rating

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	POWER BAR FOR 9"–16"				
523-16	1 bracket	B	50	50	3.21 EA
523-1604	1 bracket, 6 drill-tip screws	B	50	50	3.59 EA
523-1610	1 bracket, 1 TouchDown clamp	B	50	50	4.01 EA
523-1614	1 bracket, 1 TouchDown clamp, 4 drill-tip screws	B	50	50	4.18 EA
523-1620	1 bracket, 2 TouchDown clamps	B	50	50	4.50 EA
523-1620PK1	1 bracket, 2 TouchDown clamps/card	C	10	10	6.10 EA
523-1624	1 bracket, 2 TouchDown clamps, 4 drill-tip screws	B	50	50	4.66 EA
523-1630	1 bracket, 3 TouchDown clamps	B	50	50	5.30 EA
523-1634	1 bracket, 3 TouchDown clamps, 4 drill-tip screws	B	50	50	5.46 EA
523-162001	50 brackets, 100 TouchDown clamps; bases loaded into bracket, bridges in bag	B	1	1	219.49 BX
523-162401	50 brackets, 100 TouchDown clamps, 200 drill-tip screws; bases loaded into bracket, bridges in bag, screws in bag	B	1	1	227.64 BX
	POWER BAR FOR 14"–26"				
523-24	1 bracket	B	50	50	4.18 EA
523-2404	1 bracket, 6 drill-tip screws	B	50	50	4.56 EA
523-2414	1 bracket, 1 TouchDown clamp, 4 drill-tip screws	B	50	50	5.14 EA
523-2420	1 bracket, 2 TouchDown clamps	B	50	50	5.46 EA
523-2424	1 bracket, 2 TouchDown clamps, 4 drill-tip screws	B	50	50	5.63 EA
523-2434	1 bracket, 3 TouchDown clamps, 4 drill-tip screws	B	50	50	6.43 EA
523-242001	50 brackets, 100 TouchDown clamps; bases loaded into bracket, bridges in bag	B	1	1	267.80 BX
523-242401	50 brackets, 100 TouchDown clamps, 200 drill-tip screws; bases loaded into bracket, bridges in bag, screws in bag	B	1	1	275.84 BX
	KITS				
523-1K52000	Chase Kit: 1 single-section Power Bar bracket, 2 TouchDown clamps, 1 DWV Saddle Clamp, one self-locking stainless steel band	B	10	10	5.84 KT
	TOUCHDOWN CLAMP WITH POWER BAR FOOT				
522-5500	100 bases, 100 bridges, 100 base inserts	B	100	100	0.52 EA
522-5501	1 bridge, 1 base, 1 base insert/bag	B	100	100	0.90 EA
523F5500	E84: 100 bases, 100 bridges, 100 base inserts	B	100	100	2.03 EA
522-101	100 bridges	B	100	100	0.19 EA
522-102	100 clamp base inserts	B	100	500	0.33 EA
522-100B	Pipe Down bridge inserts, 100/bag	B	1	100	36.14 BG
522-100BPK2	Pipe Down bridge Inserts, 10/bag	C*	1	10	4.35 BG
	ZIPSTRAP WITH POWER BAR FOOT ADAPTER				
523-01	1 ratchet-locking strap with Power Bar foot adapter and screw	B	10	50	2.03 EA
	PLENUM SAFE™				
523F5500	E84: 100 bases, 100 bridges, 100 base inserts	B	100	100	2.03 EA
523F2424	1 bracket, 2 E84 TouchDown clamps, 4 drill-tip screws	B	50	50	7.64 EA

Slider™

Adjustable Multi-Purpose Bracket

- Two-piece design adjusts to a range of openings
- 20-gauge galvanized steel or copper-plated steel for spot soldering (heat the tube, not the bracket)
- Pre-drilled models have 1/8" pilot holes on 13/64" centers



520-19



520-419



520-19T



520-419T

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	ADJUSTABLE BRACKET WITH SELF-NAILING TABS				
520-19	12"–19", galvanized steel	B	50	50	1.43 EA
520-19PK	12"–19", galvanized steel	C*	50	50	1.80 EA
520-19C	12"–19", copper-plated	B	50	50	2.84 EA
520-19CPK	12"–19", copper-plated	C*	25	25	3.41 EA
520-24	19"–24" (3 pieces), galvanized steel	B	25	25	1.94 EA
520-419	12"–19", galvanized steel with pilot holes	B	50	50	3.15 EA
	ADJUSTABLE BRACKET WITH FLAT TABS				
520-19T	12"–19", galvanized steel	B	50	50	1.63 EA
520-19TC	12"–19", copper-plated	B	50	50	2.88 EA
520-419T	12"–19", galvanized steel with pilot holes	B	50	50	3.15 EA
520-419TC	12"–19", copper-plated with pilot holes	B	50	50	4.10 EA

NEW Simple Strap™

- Low cost stub out clamp
- Use with flat Support Bracket (sold separately)
- Supports ½" and ¾" CTS horizontally or vertically when bracket is repositioned
- Compatible with Copper, PEX or CPVC



525-02



525-03





Related Product
Support Bracket *p 460*

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
525-02	½ CTS	B	100	1000	0.45 ea
525-03	¾ CTS	B	100	1000	0.50 ea

Edge Support System™

Copper-plated and Galvanized Angle Brackets

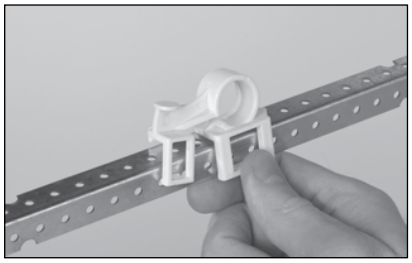
Edge Clamp Patent No. 7,549,613

- Angle design provides rigid cross brace between studs
- Single clamp supports both vertical and horizontal applications
- Supports any ½" or ¾" CTS (copper, PEX or CPVC) tube
- Glue Edge Clamp to CPVC at horizontal wall penetrations

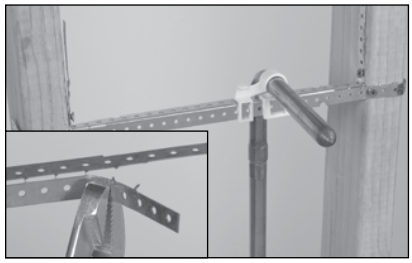
520-E24C



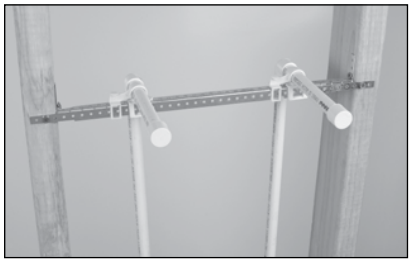
520-EC2



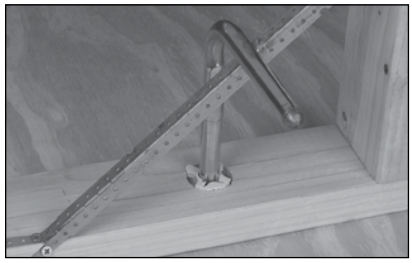
Position Edge™ Clamp anywhere along the bracket to support tube.



Using pliers, tear bracket to fit between narrow stud bays.



Use Edge Clamps with galvanized models.



Solder copper tube directly to copper-plated models.

Item No.	Description	Length	Pkg	Min Qty	Case Qty	List Price
	COMPONENTS					
520-16CPK	Copper-plated bracket with flat tabs	16"	C*	25	25	2.05 EA
520-E16	Galvanized bracket with flat tabs	16"	B	100	100	1.10 EA
520-E16C	Copper-plated bracket with flat tabs	16"	B	100	100	1.86 EA
520-E24	Galvanized bracket with flat tabs	24"	B	100	100	1.79 EA
520-E24C	Copper-plated bracket with flat tabs	24"	B	100	100	2.95 EA
520-EC2	½" CTS Edge clamp		B	100	1000	0.40 EA
520-EC3	¾" CTS Edge clamp		B	100	1000	0.42 EA

Support Bracket

Multi-Purpose Galvanized Bracket

- ⅝" wide, 16 gauge
- Use with any 2-hole tube or suspension clamp or Simple Strap™

525-18

Related Product
Simple Strap™ *p 459*



Item No.	Length	Pkg	Min Qty	Case Qty	List Price
525-18	18"	B	100	100	1.05 EA
525-20	20"	B	100	100	1.15 EA
525-26	26"	B	100	100	1.36 EA

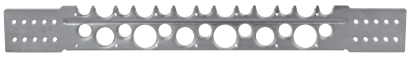
Packaging: **B** = Bulk **C** = Cut Case ***** Individually Bar-Coded

Secure-All™

Copper-plated Bracket

Patent # 7,039,965

- Reduce inventory with one bracket that features multiple hole sizes and notches
- Stiffening ribs on top and bottom provide ultimate rigidity
- Heavy gauge copper-plated steel
- All holes and notches are extruded for maximum soldering surface
- Bracketing area on 521-851 is 14" and on 521-852 is 22"
- Heat the tube, not the bracket



521-851



521-852

Item No.	Dimensions	Holes	Notches	Gauge	Pkg	Min Qty	Case Qty	List Price
521-851	2" × 20"	½" CTS, 2" O.C. (7) ¾" CTS, 4" O.C. (3) 1" CTS, 4" O.C. (3)	½" CTS, 2" O.C. (7) ¾" CTS, 2" O.C. (6)	18	B	50	50	3.82 EA
521-851PK	2" × 20"	½" CTS, 2" O.C. (7) ¾" CTS, 4" O.C. (3) 1" CTS, 4" O.C. (3)	½" CTS, 2" O.C. (7) ¾" CTS, 2" O.C. (6)	18	C*	25	25	4.23 EA
521-852	2⅜" × 26"	½" CTS, 2" O.C. (11) ¾" CTS, 4" O.C. (5) 1" CTS , 4" O.C. (5)	½" CTS, 2" O.C. (11) ¾" CTS, 2" O.C. (10)	18	B	50	50	4.65 EA

Stub Out Bracket

Copper-plated

- Extruded models provide four times the soldering surface for extra strength
- Heat the tube, not the bracket

Galvanized

- For use with Pipe Eye metal stud insulators



521-118



521-810



521-318



521-360



Related Products
Pipe Eye *p 427*



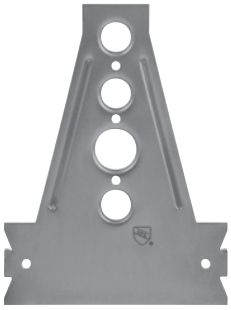
521-3725B

Item No.	Dimensions	Holes	Extruded Holes	Gauge	Pkg	Min Qty	Case Qty	List Price
COPPER-PLATED								
521-118	1¼" × 20"	½" CTS, 2" O.C. (8)		16	B	50	50	3.49 EA
521-118R	1¼" × 20"	½" CTS, 2" O.C. (7)	✓	16	B	25	25	3.69 EA
521-126	1¼" × 26"	½" CTS, 2" O.C. (11)		16	B	50	50	5.24 EA
521-810	1¾" × 20"	½" CTS, 2" O.C. (7) ¾" CTS, 4" O.C. (4) 1" CTS, 4" O.C. (4)		16	B	50	50	4.15 EA
521-810PK	1¾" × 20"	½" CTS, 2" O.C. (7) ¾" CTS, 4" O.C. (4) 1" CTS, 4" O.C. (4)		16	C*	50	50	4.50 EA
521-820	1¾" × 20"	½" CTS, 2" O.C. (7) ¾" CTS, 4" O.C. (4) 1" CTS, 4" O.C. (3)	✓	24	B	50	50	3.90 EA
GALVANIZED								
521-318	2" × 20"	1 11/32", 2" O.C. (7)		14	B	50	50	2.92 EA
521-360	2" × 26"	1 11/32", 2" O.C. (11)		14	B	50	50	3.54 EA
521-3725B	3" × 4¾"	1 11/32", 2" O.C. (2)		14	B	100	100	1.49 EA

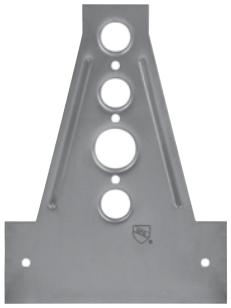
Except Galvanized models

Stub Out Bracket with Stud Guard

Copper-Plated



521-6415
(wood studs)



521-6416
(metal studs)

- 16-gauge with built-in stud guard
- Ideal for water closets and hose bibb applications
- Positions ½" CTS at 2¼", 4¾" or 6" from floor for water closets and ¾" CTS at 3½" from floor or side rough for other piping needs
- Two models, one designed for wood studs and one designed for metal studs

Item No.	Holes	Self-nailing Tabs	Gauge	Pkg	Min Qty	Case Qty	List Price
521-6415	½" CTS (3) ¾" CTS (1)	✓	16	B	25	25	2.90 EA
521-6416	½" CTS (3) ¾" CTS (1)		16	B	25	25	2.90 EA

A-1 Pipe Bracket™

Stub Out Bracket

Patent #7,520,474



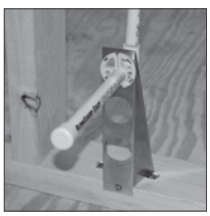
521-6417



521-6418

- Allows both supply lines to be installed off one stud and to one side of the drain pipe
- Copper-plated bracket supports both ½" and ¾" water supplies
- Galvanized bracket supports ½" through 1" water supplies when used with Pipe Eye insulators
- Cantilevered design provides rigid support
- Works great for hose bibbs or sillcocks
- Bend front tab to mount bracket inside stud bay to stabilize vertical pipe runs





Related Products
Pipe Eye™ *p 427*

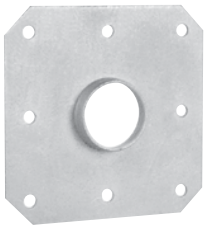


Item No.	Description	Pkg	Min Qty	Case Qty	List Price
521-6417	Copper-plated	B	50	50	1.92 EA
521-6418	Galvanized	B	50	50	1.39 EA

Solder Straps

Copper-eared Tube Hanger

- 1/8" mounting holes align with most conventional brackets
- 17-gauge copper-plated steel
- Spot solder to copper tube (heat the tube, not the strap)



505-24



505-29



505-5

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	SQUARE O STRAP™				
505-24	½" CTS	B	100	100	0.52 EA
505-34	¾" CTS	B	100	100	0.55 EA
505-44	1" CTS	B	50	50	0.64 EA
	SOLDER O STRAP™				
505-29	½" CTS	B	100	500	0.58 EA
505-39	¾" CTS	B	100	500	0.64 EA
505-49	1" CTS	B	50	50	0.78 EA
	SOLDER C STRAP™				
NEW 505-5	1¼" CTS	B	25	100	0.98 EA

SPEC SHEET

Copper Star™

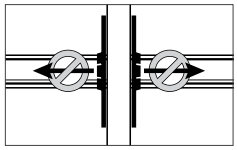
Tube Locking One-Way Push Nut

- 20-gauge pure copper, 2" O.D.
- Slides over and locks copper tube into place
- Secures copper tube when penetrating walls and floors



612-2

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
612-2	½" CTS	B	50	500	1.56 EA
612-2PK2	½" CTS, 5/bag	C*	10	10	8.16 BG
612-3	¾" CTS	B	25	250	1.64 EA
612-3PK2	¾" CTS, 5/bag	C*	10	10	9.78 BG
612-4	1" CTS	B	25	250	1.91 EA



Two Copper Stars™ prevent movement in either direction



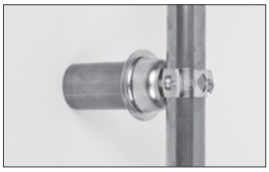
508-3PK

CTS Bell Hanger

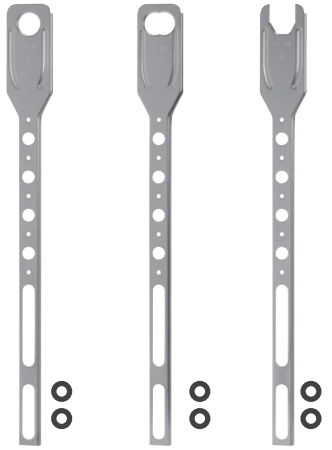
Copper-plated Steel

- 13⁄16" stand-off
- Includes two clamp screws and one 2½" mounting screw
- Recessed hole for mounting screw

Extend stand-off distance with 1" CTS.



Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	IMPORTED				
508-2PK	½" CTS	C*	25	25	1.75 EA
508-3PK	¾" CTS	C*	25	25	1.80 EA
508-4PK	1" CTS	C*	25	25	1.86 EA
	DOMESTIC				
508-2B	½" CTS	B	25	25	2.00 EA
508-3B	¾" CTS	B	25	25	2.15 EA
508-4B	1" CTS	B	25	25	2.25 EA



521-725 521-727 521-728

Carrier Bracket

Copper-plated

- Channel design extends the entire length of the bracket for maximum strength and rigidity
- Supports water pipe for flush valve 26½" above floor and offsets stub out at 4½" or 4¾" from carrier center
- Washers included

Item No.	Description	Gauge	Pkg	Min Qty	Case Qty	List Price
521-725	1" CTS hole	16	B	5	5	9.93 EA
521-726	1" CTS hole – Domestic	16	B	5	5	10.99 EA
521-727	1" CTS double hole	16	B	5	5	9.93 EA
521-728	1" CTS notch (for prefab)	16	B	5	5	9.93 EA

Chase Bracket™

Copper-plated

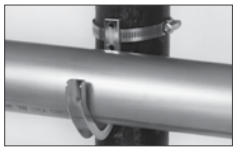
Patent No. D 558,567

- Cradles copper water headers up to 3" diameter
- Spot solder to copper water header. (heat the pipe, not the bracket)
- Heavy duty 16 gauge
- Available with or without 5" stainless steel band
- Wide cradle gives maximum soldering surface



521-723

	Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	521-723	Chase Bracket with 5" s/s band	B	25	25	7.23 EA
NEW	521-723BB	Chase Bracket copper-plated – Domestic	B	25	25	9.25 EA



Install on stack or vent pipe or secure directly to wall

Commercial Alignment Bracket

Copper-plated

- Aligns vertical or horizontal pipes in straight runs, especially between floors
- Attaches to vent or waste pipe
- 18-gauge copper-plated steel
- Snap-lock stainless steel band and self-adhesive felt provided



521-110



521-111



521-113

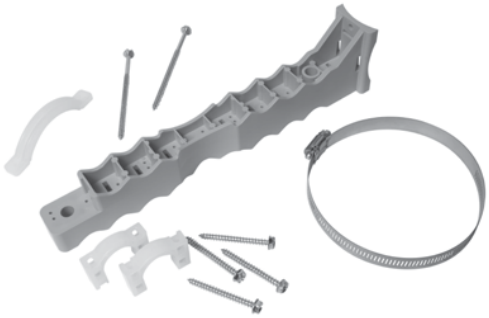
Item No.	Description	Pkg	Min Qty	Case Qty	List Price
521-110	Positioning bracket for ½" stub outs on 4" or 8" centers	B	25	25	6.70 EA
521-111	Stabilizing combo bracket for ½" and ¾" vertical runs in walls 3½" or wider	B	50	50	7.21 EA
521-112	Multi-purpose bracket for lav/sink stub outs or supporting ¾" pipe on 6" centerlines between floors	B	50	50	7.11 EA
521-113	Multi-purpose bracket for lav/sink stub outs or supporting ¾" pipe on 8" centerlines between floors	B	50	50	7.11 EA

Pipe Titan™

Universal Bracketing System

Patent # 5,303,887

- Non-metallic – no electrolysis worries
- Isolates pipe and reduces noise
- Compatible with copper, PEX and CPVC



570-20



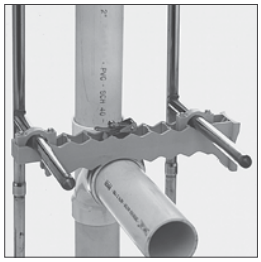
570-53



570-58







Support piping in mechanical chases, against, or standing off of piping, walls, studs, ceilings or floors.

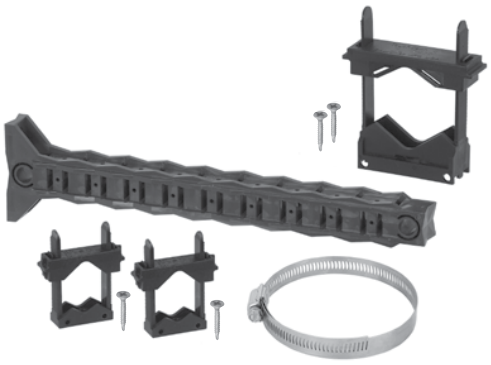
Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD GREEN				
570	1 standard green bracket	B	24	24	3.54 EA
570-53	1 Titan strap with screws	B	50	1000	0.96 EA
570-58	1 Titan clamp with screws	B	50	50	1.30 EA
570-10	Kit: 1 bracket, 2 straps, 1 clamp	B	24	24	6.71 EA
570-20	Plus 5 kit: 1 bracket, 2 straps, 1 clamp, one 5" stainless steel band	B	24	24	8.11 EA
570-22	Plus 5L kit: 1 bracket, 2 straps, 1 clamp, one 5" stainless steel snap-lock band	B	24	24	8.98 EA
570-24	Plus 7 kit: 1 bracket, 2 straps, 1 clamp, one 7" stainless steel snap-lock band	B	24	24	9.63 EA
	FLAME RETARDANT RED				
572	1 flame retardant red bracket	B	24	24	5.29 EA
572-53	1 flame retardant Titan strap with screws	B	50	250	1.15 EA
572-58	1 flame retardant Titan clamp with screws	B	50	50	1.49 EA
572-20	Plus 5 kit: 1 bracket, 2 straps, 1 clamp, one 5" stainless steel band	B	24	24	10.59 EA
572-22	Plus 5L kit: 1 bracket, 2 straps, 1 clamp, one 5" stainless steel snap-lock band	B	24	24	11.58 EA
572-24	Plus 7 kit: 1 bracket, 2 straps, 1 clamp, one 7" stainless steel snap-lock band	B	24	24	11.86 EA
	STAINLESS STEEL BANDS				
574-72	5" stainless steel band	B	50	50	1.93 EA
574-75	5" snap-lock stainless steel band	B	50	50	2.61 EA
574-104	7" snap-lock stainless steel band	B	50	50	2.98 EA

Grid Iron™

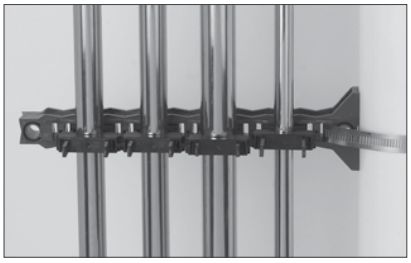
Universal Bracketing System

Patent # 5,876,000

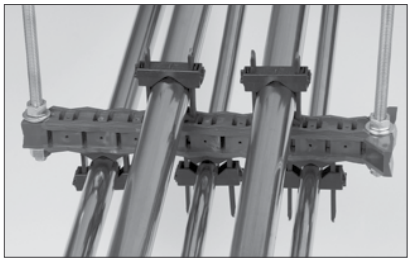
- Fits inside 2 × 4 wall when strapped to 2" pipe
- 25% stronger than the Pipe Titan
- 1" on-center grooves in bracket
- Ideal for island sinks
- Use cable ties as alternate fasteners
- Great pipe organizer for slab jobs
- Compatible with copper, PEX and CPVC



571-145



Perfect for securing tubes of many sizes in various applications.



Use 3/8" threaded rod for trapeze installations.



Related Products
PadLock *p 423*

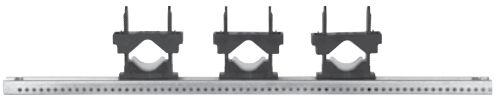
Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	GRID IRON BRACKETS				
571	1 bracket	B	24	24	3.12 EA
571-10	1 bracket, 2 TouchDown clamps	B	24	24	4.06 EA
571-145	1 bracket, 2 TouchDown clamps, 1 TouchDown II clamp, one 5" stainless steel band	B	24	24	7.12 EA
571-20	1 bracket, 2 TouchDown clamps, one 5" stainless steel band	B	24	24	5.93 EA
571-22	1 bracket, 2 TouchDown clamps, 1 snap-lock 5" stainless steel band	B	24	24	6.66 EA
	STAINLESS STEEL BANDS				
574-72	5" stainless steel band	B	50	50	1.93 EA
574-75	5" snap-lock stainless steel band	B	50	50	2.61 EA
574-104	7" snap-lock stainless steel band	B	50	50	2.98 EA

Power Bar Mini Strut™

Steel Support Bracket

Patent No. 6,446,915

- Single Bracket with two pre-drilled holes accepts 3⁄8" threaded rod
- Available with or without pre-loaded TouchDown™ clamps
- Ideal for a variety of overhead piping needs



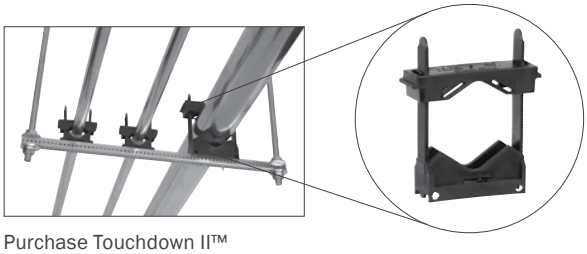
523-2MS3



523-3MSS2



523-3MSS3



Purchase Touchdown II™ separately for larger pipe sizes.

523-3MSS



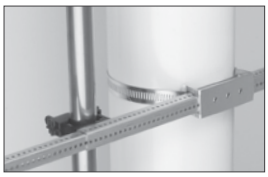
523-3MSL

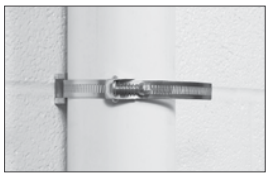
	Item No.	Description	Pkg	Min Qty	Case Qty	List Price
		LIGHT DUTY POWER BAR MINI STRUT (20-GA.)				
	523-2MS	1 bracket	B	50	50	2.12 EA
	523-2MS2	1 bracket, 2 TouchDown clamps	B	50	50	3.45 EA
	523-2MS3	1 bracket, 3 TouchDown clamps	B	50	50	3.87 EA
	523-2MS4	1 bracket, 4 TouchDown clamps	B	50	50	4.38 EA
		HEAVY DUTY POWER BAR MINI STRUT (16-GA.)				
NEW	523-3MSL	Long bracket, 26"	B	25	25	5.15 EA
NEW	523-3MSS	Short bracket, 15"	B	25	25	2.45 EA
NEW	523-3MSS2	Short bracket (15") with 2 TouchDown clamps	B	25	25	4.50 EA
NEW	523-3MSS3	Short bracket (15") with 3 TouchDown clamps	B	25	25	4.90 EA
		TOUCHDOWN CLAMP				
	522-5500	100 bases, 100 bridges, 100 base inserts	B	100	100	0.52 EA
SPEC SHEET	522-5501	1 bridge, 1 base, 1 base insert/bag	B	100	100	0.90 EA
	550-20	Touchdown II: base, bridge & screws	B	50	50	1.87 EA

Saddle-Up™

DWV Saddle Clamp

- Ideal for stabilizing vertical pipes between floors when used with Power Bar™
- Galvanized clamp with or without bands
- Fasten directly to block walls

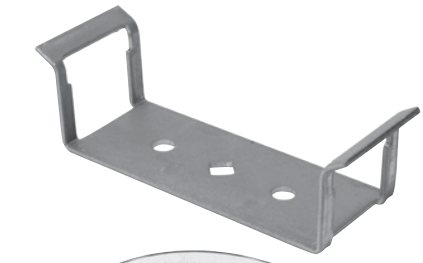




Use with Power Bar or mount directly to wall.



When suspending larger diameter pipes, use with the Power Bar Mini Strut™.



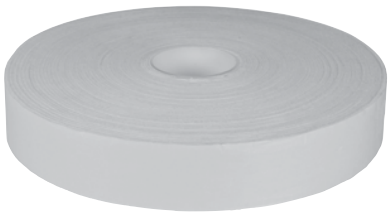


523-1B

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	SADDLE-UP CLAMPS				
523-1	Clamp only	B	50	50	1.20 EA
523-1B	Clamp with 5" snap-lock s/s band	B	5	50	3.23 EA
523-1C	Clamp with 4" snap-lock s/s band	B	5	50	3.02 EA
523-1D	Clamp with 3" snap-lock s/s band	B	5	50	2.80 EA
	BULK STAINLESS STEEL BANDS				
574-72	5" standard	B	50	50	1.93 EA
574-74	4" snap-lock	B	50	50	2.41 EA
574-75	5" snap-lock	B	50	50	2.61 EA
574-104	7" snap-lock	B	50	50	2.98 EA

Self-Adhesive Felt

- CPVC compatible adhesive
- Cut felt to any desired length
- Isolates pipe and reduces noise



575-100Q

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
575-100Q	2¼" × 100 ft self-adhesive felt	B	1	12	66.56 EA

Sioux Chief Sammys™

Suspended Anchoring Systems

- Anchors for most common ⅜" all-thread rods
- Installs quickly and easily
- Vertical, horizontal or swivel applications
- Original American-made Sammy® Super Screws
- UL & FM listed



590-4411 590-4412 590-4413 590-4436



590-44ND1



590-44ND4

Item No.	Description	Rod Size	Length	Pkg	Min Qty	Case Qty	List Price
	WOOD APPLICATIONS						
590-4411	GST20 vertical, 25/box	⅜"	2"	B*	1	5	29.74 BX
590-4411-3	GST30 vertical, 25/box	⅜"	3"	B*	1	5	30.83 BX
590-4421	SWG20 horizontal, 25/box	⅜"	2"	B*	1	5	35.15 BX
590-4421-3	SWG30 horizontal, 25/box	⅜"	3"	B*	1	5	43.80 BX
	CONCRETE APPLICATIONS						
590-4412	CST20 vertical, 25/box	⅜"	1¾"	B*	1	5	34.34 BX
590-4422	SWC20 horizontal, concrete, 25/box	⅜"	1¾"	B*	1	5	47.32 BX
	STEEL BEAM APPLICATIONS						
590-4413	DST20 vertical, 25/box	⅜"	1¼"	B*	1	5	30.28 BX
590-4413-R	DSTR516 vertical, with nut, 25/box	⅜"	1¼"	B*	1	5	44.62 BX
590-4423	SWDR516 horizontal, with nut, 25/box	⅜"	1¼"	B*	1	5	44.62 BX
	METAL DECK, PURLIN OR TUBULAR STEEL APPLICATIONS						
590-4433	XP20 X-Press 22–20 ga., metal deck, 25/box	⅜"	1¾"	B*	1	5	176.30 BX
590-4434	XP35 X-Press 18–16 ga., Z-Purlin, 25/box	⅜"	1¾"	B*	1	5	176.30 BX
590-4435	SXP20 swivel X-Press 22–20 ga., metal deck, 25/box	⅜"	2"	B*	1	5	213.20 BX
590-4436	SXP35 swivel X-Press 18–16 ga., Z-purlin, 25/box	⅜"	2"	B*	1	5	213.20 BX
	INSTALLATION TOOLS						
590-44ND1	Nut driver #14 for vertical anchors (black), bagged			B*	1	12	15.14 EA
590-44ND2	Nut driver #14SW for horizontal anchors (red), bagged			B*	1	12	15.14 EA
590-44ND3	Nut driver kit for wood or concrete			B*	1	12	135.20 EA
590-44ND4	UXPIT X-Press installation tool			B*	1	12	218.48 EA
590-44ND4-BIT	XPDB X-Press 25/64" bit replacement			B*	1	12	22.98 EA

SPEC SHEET

Deck Anchors

Cast-In-Place Anchors for All-Thread Rod

- Install on wood or metal corrugated decks prior to the concrete pour
- Allows insert locations to be pre-planned eliminating overhead masonry anchors
- Installs quickly and easily to reduce labor costs
- Color-coded by rod size, plastic sleeve keeps threads clean
- Easy to locate after the pour



544-2MD



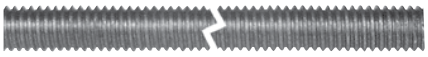
544-2WD

Item No.	Description	Sleeve Color	Pkg	Min Qty	Case Qty	List Price
	WOOD DECK ANCHORS					
544-2WD	Wood deck insert for ⅜" all-thread rod	green	B	50	50	1.96 EA
544-3WD	Wood deck insert for ½" all-thread rod	yellow	B	50	50	2.30 EA
544-4WD	Wood deck insert for ⅝" all-thread rod	red	B	50	50	2.80 EA
NEW 544-5WD	Wood deck insert for 3/4" all-thread rod	blue	B	25	25	3.65 EA
	METAL DECK ANCHORS					
544-2MD	Metal deck insert for ⅜" all-thread rod	green	B	50	50	2.72 EA
544-3MD	Metal deck insert for ½" all-thread rod	yellow	B	50	50	3.19 EA
544-4MD	Metal deck insert for ⅝" all-thread rod	red	B	50	50	3.65 EA
NEW 544-5MD	Metal deck insert for 3/4" all-thread rod	blue	B	25	25	5.85 EA
NEW 544-6MD	Metal deck insert for 7/8" all-thread rod	purple	B	25	25	6.75 EA

SPEC SHEET

⅜" All-thread Rod

- Zinc-plated carbon steel
- Packed in protective corrugated tubes



544

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
544	⅜" × 6 ft	T*	20	20	5.02 EA

SPEC SHEET

Commercial Beam Clamp & Connector Products

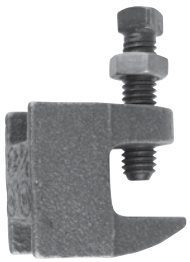
- Most popular steel I-beam options for commercial applications
- Ductile iron
- Use with ⅜" all-thread rod



540



541-CPK2

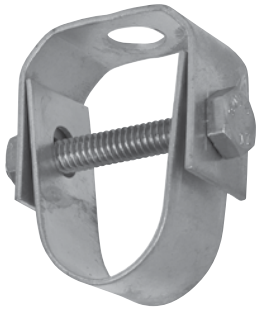


542-PK2

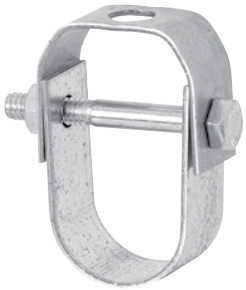
Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	SIDE BEAM CONNECTOR				
540	Malleable iron	B	20	200	1.29 EA
	TOP PLATE CONNECTOR				
541-CPK2	Epoxy-coated, 1/bag	C*	20	20	2.17 EA
541-GPK2	Zinc-plated, 1/bag	C*	20	20	1.71 EA
	TOP BEAM CLAMP				
542-PK2	MSS SP58 Type 19, 1/bag	C*	10	10	2.36 EA

Clevis Hanger

- Copper-plated or galvanized steel
- For use with ⅜" all-thread rod
- For suspension of light loads, pipe or conduit
- MSS-SP58 Type 1



515-3CPK2

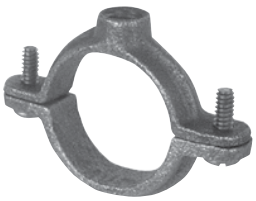


515-2GPK2

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	COPPER-PLATED				
515-2CPK2	½" CTS, 1/bag	C*	10	10	1.92 BG
515-3CPK2	¾" CTS, 1/bag	C*	10	10	1.96 BG
515-4CPK2	1" CTS, 1/bag	C*	10	10	2.00 BG
515-5CPK2	1¼" CTS, 1/bag	C*	10	10	2.17 BG
515-6CPK2	1½" CTS, 1/bag	C*	10	10	2.30 BG
515-7CPK2	2" CTS, 1/bag	C*	10	10	2.65 BG
	GALVANIZED				
515-2GPK2	½" IPS, 1/bag	C*	10	10	1.71 BG
515-3GPK2	¾" IPS, 1/bag	C*	10	10	1.78 BG
515-4GPK2	1" IPS, 1/bag	C*	10	10	1.79 BG
515-5GPK2	1¼" IPS, 1/bag	C*	10	10	2.04 BG
515-6GPK2	1½" IPS, 1/bag	C*	10	10	2.34 BG
515-7GPK2	2" IPS, 1/bag	C*	10	10	2.46 BG
515-8GPK2	2½" IPS, 1/bag	C*	10	10	3.94 BG
515-9GPK2	3" IPS, 1/bag	C*	10	10	4.44 BG
515-10GPK2	4 " IPS, 1/bag	C*	10	10	4.77 BG

Split Ring Hanger

- Malleable iron (imported) or stamped steel (domestic)
- For use with 3/8" all-thread rod
- For suspension of non-insulated stationary pipe
- MSS-SP58 Type 13



516-4CPK2



516-2CB

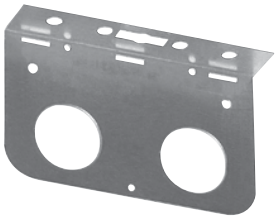
Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	EPOXY-COATED, IMPORTED				
516-2CPK2	½" CTS, 1/bag	C*	20	20	1.58 BG
516-3CPK2	¾" CTS, 1/bag	C*	20	20	1.68 BG
516-4CPK2	1" CTS, 1/bag	C*	10	10	1.94 BG
516-5CPK2	1¼" CTS, 1/bag	C*	10	10	2.21 BG
516-6CPK2	1½" CTS, 1/bag	C*	10	10	2.45 BG
516-7CPK2	2" CTS, 1/bag	C*	10	10	2.89 BG
	GALVANIZED, IMPORTED				
516-2GPK2	½" IPS, 1/bag	C*	20	20	1.42 BG
516-3GPK2	¾" IPS, 1/bag	C*	20	20	1.62 BG
516-4GPK2	1" IPS, 1/bag	C*	10	10	1.68 BG
516-5GPK2	1¼" IPS, 1/bag	C*	10	10	2.18 BG
516-6GPK2	1½" IPS, 1/bag	C*	10	10	2.40 BG
516-7GPK2	2" IPS, 1/bag	C*	10	10	2.62 BG
	COPPER-PLATED, DOMESTIC				
NEW 516-2CB	½" CTS	B	100	100	2.39 EA
NEW 516-3CB	¾" CTS	B	100	100	2.43 EA
NEW 516-4CB	1" CTS	B	100	100	2.58 EA
NEW 516-5CB	1¼" CTS	B	100	100	2.87 EA
NEW 516-6CB	1½" CTS	B	100	100	3.13 EA
NEW 516-7CB	2" CTS	B	100	100	3.61 EA
	GALVANIZED, DOMESTIC				
NEW 516-2GB	½" IPS	B	100	100	2.50 EA
NEW 516-3GB	¾" IPS	B	100	100	2.58 EA
NEW 516-4GB	1" IPS	B	100	100	2.84 EA
NEW 516-5GB	1¼" IPS	B	100	100	3.17 EA
NEW 516-6GB	1½" IPS	B	100	100	3.87 EA
NEW 516-7GB	2" IPS	B	100	100	4.71 EA

SPEC SHEET

Pipe Eye Suspension Bracket™

Galvanized Steel

- Supports copper, PEX or CPVC tubing
- Includes one, two or four 1 11/32" holes
- Use with Pipe Eye™ insulators
- Suspend bracket with 3/8" all-thread rod
- Multiple nail holes and slots for installation flexibility
- Can be mounted to a concrete pan before the pour



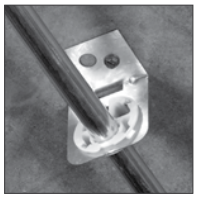
521-558



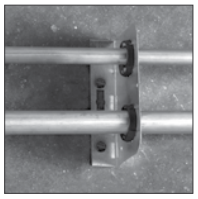
521-557



521-559









Related Products
Pipe Eye™ *p 427*



Item No.	Description	Gauge	Pkg	Min Qty	Case Qty	List Price
521-557	Single hole	21	B	25	25	0.98 EA
521-558	Double hole	21	B	25	25	1.08 EA
521-559	Quadruple hole	21	B	25	25	1.44 EA

Pipe Eye™

See page 427

- Fits 1 11/32" holes in metal studs or brackets
- Split Design. Offset hole for adjustable tube position
- Reduces expansion/contraction noise in hot water lines
- Flame retardant models meet UL94 V-2 flame rating
- Plenum Safe™ models meet ASTM E84 25/50 Flame/ Smoke Spread and UL94 V-0 flame rating



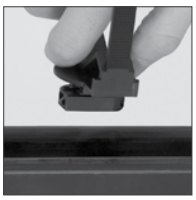
CONSIDER SIOUX CHIEF AS YOUR
ROUGH PLUMBING ARMORY
TOGETHER, WE WILL TAKE THE FIELD.

SUPPORT > SUPPLY HANGERS > Pipe Eye

TouchDown II™ Strut Clamp

Large Universal Pipe Clamp for Strut

- No tools required for fast and easy installation
- One clamp fits ½" CTS tube (copper, PEX or CPVC) – 2" IPS (steel or plastic)
- Use two bridges for tandem pipe runs



Insert base, twist and lock into strut channel.



Strut Dam prevents clamp from sliding down when strut is mounted vertically to wall or surface.



550-2T



550-2T1



550-2TA

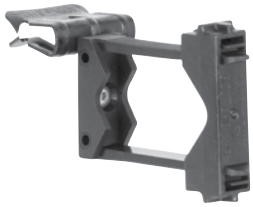
Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
550-2T	1 bridge, 1 strut clamp base/bag	B	25	25	2.44 EA
550-2T1	2 bridges, 1 strut clamp base/bag	B	25	25	3.04 EA
550-22T	50 bridges, 50 strut clamp bases	B	1	1	114.40 BX
550-2TA	Strut Dam, 1 t-bolt, 1 washer, 1⅜" square nut/bag	B	25	500	0.71 EA
	PLENUM SAFE™				
550F2T	E84 1 bridge, 1 strut clamp base/bag	B	5	5	8.79 EA
550F22T	E84 50 bridges, 50 strut clamp bases	B	1	1	433.68 BX

SPEC SHEET

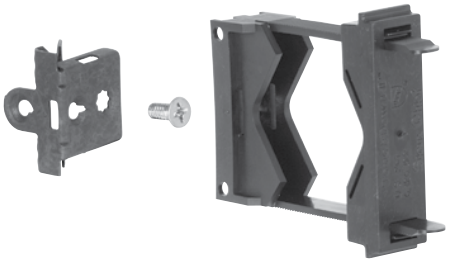
TouchDown™ Beam Clamp

Universal Pipe Clamp

- Two clamp sizes available in standard or Plenum Safe™ models
- Clamp pivots easily and attaches to I-beams or steel truss members for parallel or perpendicular pipe runs
- 550-11E clamps ¼" – 1" CTS tube (copper, PEX or CPVC) and ⅛" – 1" Sch. 40 pipe (steel or plastic)
- 550-20E clamps ½" – 2" CTS tube (copper, PEX or CPVC) and ⅜" – 2" Sch. 40 (steel or plastic)



550-11E



550-20E

Item No.	Description	Pkg	Min Qty	Case Qty	List Price
	STANDARD				
550-11E	1 TouchDown bridge, 1 base with attached beam clamp/bag	B	100	100	3.02 EA
550-20E	1 TouchDown II bridge, 1 base, 1 screw, beam clamp/bag	B	25	25	4.25 EA
	PLENUM SAFE™				
550F11E	E84 1 TouchDown bridge, 1 base with attached beam clamp/bag	B	25	100	4.68 EA
550F20E	E84 1 TouchDown II bridge, 1 base, 1 screw, beam clamp/bag	B	25	25	9.72 EA

SPEC SHEET

Stud Guard

- Available in 16-gauge or 18-gauge material
- 530-6M is ideal for metal stud projects



530-165



530-6M



530-1635



536-68E



536-56E

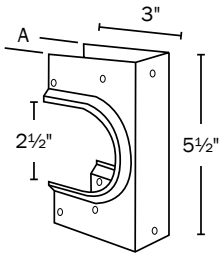
Item No.	Description	Gauge	Distance Between Nail Points	Pkg	Min Qty	Case Qty	List Price
530-3	1½" × 3" self-nailing	18	2½"	B	100	100	0.17 EA
530-3PK	1½" × 3" self-nailing	18	2½"	C*	100	100	0.27 EA
530-5	1½" × 5" self-nailing	18	4½"	B	100	100	0.24 EA
530-5PK	1½" × 5" self-nailing	18	4½"	C*	100	100	0.321 EA
530-6	1½" × 6" self-nailing	18	5½"	B	100	100	0.28 EA
NEW 530-6PK	1¼" x 6" self-nailing	18	5½"	C*	100	100	0.31 EA
530-6M	1½" × 6" with nail holes	16	—	B	100	100	0.28 EA
530-163	1½" × 3" self-nailing	16	2½"	B	100	100	0.21 EA
530-165	1½" × 5" self-nailing	16	4½"	B	100	100	0.33 EA
530-166	1½" × 6" self-nailing	16	5½"	B	100	100	0.33 EA
NEW 530-166PK	1½" × 6" self-nailing IBC	16	5½"	C*	100	100	0.44 EA
530-1635	3" × 5" self-nailing, double	16	4½"	B	100	100	0.52 EA
536-35	3" × 5" offset self-nailing	16	—	B	100	100	0.55 EA
536-36	3½" × 6" self-nailing	16	—	B	50	50	0.82 EA
536-56E	5" × 6" offset self-nailing	16	—	B	50	50	1.64 EA
536-58	5" × 8" self-nailing, with nail holes	16	3	B	50	50	1.75 EA
536-68E	6" × 8" offset self-nailing	16	—	B	50	50	3.88 EA

Stud Shoe

- 16-gauge steel
- Formed rib provides added strength
- Installs over pipe up to 2⅜" O.D.
- Meets IRC 602.6



533-1



Item No.	Description	Dimensions A	Pkg	Min Qty	Case Qty	List Price
533-1	Single	1.58"	B	25	25	2.66 EA
533-2	Double	3.125"	B	25	25	4.26 EA
533-3	Triple	4.7"	B	10	10	4.85 EA

Shield Plate

- Available in 16- or 18-gauge material



536-09



539-18



536-616

Item No.	Description	Gauge	Nail Holes	Pkg	Min Qty	Case Qty	List Price
536-09	1½" × 9"	16	8	B	50	50	0.61 EA
536-12	1½" × 12"	16	8	B	50	50	0.79 EA
536-18	1½" × 18"	16	16	B	50	50	1.18 EA
536-85	5" × 8"	16	6	B*	50	50	1.70 EA
536-612	6" × 12"	16	16	B	25	25	2.35 EA
536-616	6" × 16" galvanized	16	2	B	25	25	3.61 EA
538-09	1½" × 9"	18	8	B	50	50	0.54 EA
538-09PK	1½" × 9"	18	8	C*	50	50	0.59 EA
538-12	1½" × 12"	18	8	B	50	50	0.66 EA
538-18	1½" × 18"	18	8	B	50	50	1.02 EA
539-6	3½" × 6"	16	6	B	50	50	0.82 EA
539-18	3½" × 18"	16	16	B	25	25	2.39 EA
539-518	5" × 18"	16	16	B	25	25	3.73 EA

Water Heater Stand

- U.S. made from durable galvanized steel
- Meets National Fuel Gas Code Requirements
- Individually boxed
- Standard models assemble easily with all hardware included
- Fast Assemble model features steel interlocking slots and tabs and only requires one screw in center of cross member to complete



598-010

Item No.	Description	Dimensions	Water Heater Capacity	Gauge	Pkg	Min Qty	Case Qty	List Price
598-010	Standard	21" × 21" × 18"	30–50 gal.	18	B	1	1	52.00 EA.
598-011	Fast assemble	21" × 21" × 18"	30–50 gal.	18	B	1	1	52.00 EA
598-012	Heavy duty	24" × 24" × 18"	50–100 gal.	16	B	1	1	104.00 EA

Notes

Notes

APPENDIX

INDEX
Alphabetical Index
Numerical Index

SAMPLES & ORDER FORM
Try Me Packs
Order Form

REFERENCE DATA
Technical
Marks & Insignia

SALES & REP INFO
Sioux Chief Service Team
Representatives Map & Shippling Map
Representatives

WARRANTY
Warranty



“You have a terrific company; awesome people all lead by obviously dynamic owners and management. We look forward to growing our business and strengthening our relationship.”

Scott Smith
F. W. Webb

A

A-1 Pipe Bracket 462
AAV (see TurboVent) 396
Above-grade floor drain 312–328
Access box (see Ox Box)
fire-rated ice maker outlet box 250–251
fire-rated lavatory outlet box 251
fire-rated toilet/dishwasher outlet box 252
fire-rated washing machine outlet box 249–250
gas valve outlet box 252
ice maker outlet box 245–246
lavatory outlet box 247
Ox Box ONE 253
stainless steel outlet box 256
toilet/dishwasher outlet box 248
washing machine outlet box 243–244
Access box valve
icemaker, no lead 257
laundry 257
laundry, no lead 257
Access cover 350
Access panel
hinged (two-piece) 259
one-piece panels 259
two-piece panels 258
Over/Under Panels (two-piece) 258
Acoustical block (see Pipe Down) 430–431
AccuCrimp F2159 PowerPEX
coupling 89
elbow 88
elbow adapter 90–91
straight adapter MIP 90
tee 89
plug 90
Adapter
CPVC 154–159, 161
DWV 356–358
Failsafe 86
Fit Quick 213–214
full-slip male 182
PB F1380 220–221
PowerPEX F1807 38–42, 44–49, 58–59
PowerPEX F1960 105–109, 114–115
PowerPEX F2080 128–133, 137
PowerPEX F2159 AccuCrimp 90–91
pipe bore 403
PVC 174–175
sweat 180, 190
trap primer 236, 356, 358
Viega® PEX Press® 94–95
Add-A-Line 200–201
Adjustable drain strainer 380
Air pump 416
All-thread
anchors (see Sammys) 470
connectors 472
rod 471
Anchor screw kit 437
Anti-siphon sillcock,
PowerPEX F1807 frost-proof 61
Ape Tape 445
Air admittance valve (see Turbo Vent) 396
ARE cast iron floor sink 304–305
Arresters
commercial water hammer 229
industrial water hammer 231
residential water hammer 226
vacuum breaker 233
Attic stanchion (see Stick-Em Up) 444

B

Backwater device 376
Backwater valve 392–394
Ball valve PVC socket, brass 176
Ball valve, brass
CPVC 164
Fit Quick 215
PowerPEX F1807, brass 60
PowerPEX F1807, no lead brass 60
PowerPEX F1960, no lead brass 115
PowerPEX F2080, brass 138–139
press-fitting 192
PVC 176
sweat 191
Viega® PEX Press® 95
Ball valve, thermoplastic, CPVC 164
Ballcock adapter, PowerPEX F1807 47
Beam clamp 472
Bell hanger 464
Bell trap drain 381
Bend supports 456
BiFolator 428
Bits for vandal-resistant screws 362
Boca shield plate 476
Boiler drain, brass
CPVC 165
sweat 192
BranchMaster
MIP branches 77–78, 205–206
PowerPEX F1807 branches 67–76
PowerPEX F1960 branches 119–120
PowerPEX F2080 branches 143–145
PowerPEX F2159 AccuCrimp 91–92
sweat branches 76–80, 204–208
Bullets and brackets kits 63–65, 97–98, 117–118, 141–142, 167–168, 203
Bullet
PowerPEX F1807 51–52
PowerPEX F1960 111
PowerPEX F2080 135
sweat 187–189
Bushing, cleanout 352

C

C clamp 472
Cable tie 437
Carpet marker for cleanouts 351
Carrier bracket 464
Cast in place anchors 471
Cast iron roof drain 330
Cast iron round floor sink 309
Cast iron square floor sink 304–305
Cast iron strainer 402
Chase bracket 465
Cleanout
access covers
adjustable floor 338–349
bushing 352
carpet marker 351
cover kit 352
Finish Line 338–343
plugs, polypro/brass 353–354
replacement covers 361–362
wall bar 351
wall covers/cleanouts 351–352
Clevis hanger 472
Closet flanges 384–390
Closet flange
brass 387
cast iron 387
Drop-Kick 387
floor support 390
Full Flush 386
open 386
Push-Tite 385
Quick Spacer 388
Raise-A-Ring 389
repair kit 390
TKO knockout 384
urinal kit 389
Commercial stub out and alignment brackets 465
Commercial water hammer arrester 229
Compression
combo tool, PowerPEX F2080 147
H2 hydraulic tool, PowerPEX F2080 148
jaw set, PowerPEX F2080 146
tool, PowerPEX F2080 146
Condensate funnel 255
Condensate trap 403
Copper-plated commercial brackets 459–462
Copper-plated stub out brackets 461–462
Copper Star 463
Coupling
Failsafe 86
Fit Quick 212–213
PB F1380 220
PowerPEX F1807, brass 36
PowerPEX F1807, copper 35
PowerPEX F1807, no lead brass 36
PowerPEX F1960, no lead brass 104
PowerPEX F2080, brass 127
PowerPEX F2080, no lead brass 127
PowerPEX F2159 AccuCrimp 89
Couplings, repair 181
Covers for cleanouts 350–352
Crimp ring removal tool 82
Crimp ring
Failsafe 85
PB F1380 219
PowerPEX F1807 32, 87
V-Sleeve 32, 88
Crimp tools
PB F1380 81
PowerPEX F1807 81
PowerPEX V-Sleeve 82
CTS bell hanger 464
CTS tube clamp 451
Custom copper manifolds 66

D

Debris Screen, stainless steel
for cast iron floor sink 304–305, 309
for Fat Max 296, 307
for Finish Line 285
for roof drain 336

for Square Max 303
Deck anchors 471
Deck drain (see Halo Drain) 327–328
Dielectric connector 199
Disconnect tool, Fit Quick 216
Dishwasher connector
PowerPEX F1807 45
sweat 183
Dishwasher outlet box 248
Fire-Rated 252
Mini-Rester 248
Distributor 235
Double Duty Test Plug 366
Double stub out elbow, sweat 184
Double stub out elbow,
PowerPEX F1807 50
Double stub out elbow,
PowerPEX F1960 110
Drains (see Floor Drains)
Drain strainer, adjustable
(See Replace-It) 380
Drive hook 421–422, 434
Drop-Kick 387
DWV adapter
drain adapter, flashing 358
fitting socket 356
no-hub 357
push-joint 357
standard 356
DWV backwater valve 392–394
DWV hanger 444
DWV pipe hanger 441
DWV saddle clamp 469
DWV saddle tee fitting 404

E

E-84 hangers (see Fire Rated)
Edge Support System 460
Elbow
Failsafe 85
Fit Quick 212
PB F1380 219
PowerPEX F1807, brass 34, 49
PowerPEX F1807, copper 33
PowerPEX F1807, no lead brass 33–34
PowerPEX F1960, brass 103
PowerPEX F1960, no lead brass 102
PowerPEX F2080, brass 124
PowerPEX F2080, no lead brass 124
PowerPEX F2159 AccuCrimp 88
Elbow adapter
Fit Quick 214
PowerPEX F1807, brass 44
PowerPEX F1807, copper 44–48
PowerPEX F1807, no lead brass 44
PowerPEX F1960, no lead brass 108–109
PowerPEX F2080, brass; 132–133
PowerPEX F2080, no lead brass 132
PowerPEX F2159 AccuCrimp 90–91
Elbow tub/shower
CPVC 156
PowerPEX F1807 53
PowerPEX F1960 108
PowerPEX F2080 135
sweat 180
Viega® PEX Press® 94
Electronic trap primer 238
recessed box 237
surface mount 237
Expansion
combo tool, PowerPEX F2080 147
H2 hydraulic tool,
PowerPEX F2080 148
head, PowerPEX F2080 146
ring, PowerPEX F1960 102
sleeve, PowerPEX F2080 124
tool, PowerPEX F2080 146
Extension hanger
DWV Hanger 441
Hangs Tuff 441
Milford 436
Natick 436
ZipStick 443
Extension nipple
For Finish Line 313, 315, 317, 319, 321 327–328
For Halo Drain 327–328
EZ Glide Tube Clamp 425
EZ Glide Suspension Clamp 425

F

Failsafe
coupling 86
crimp ring 85
elbow 85
fittings 85–86
straight adapter 86
tees 85
plugs 86
Fat Max 295–297, 306–307, 310
Faucet adapter
PowerPEX F1807, brass 49
PowerPEX F1807, copper 48
PowerPEX F2080 133–134
PowerPEX F2159 AccuCrimp 91
Felt, self-adhesive 469
Female sweat adapter
Failsafe 86
PB F1380 220
PowerPEX F1807, brass 40
PowerPEX F1807, copper 38, 46
PowerPEX F1807, no lead brass 40
PowerPEX F1960 106, 109
PowerPEX F2080 128–130, 132–133
FHA plate (see shield plate) 476
Finish Line
cleanout 338–343, 350–352
flashing drain 312–322
floor drain 285–291
FIP Adapters
CPVC 154–155
Fit Quick 213–214
PowerPEX F1807, brass 42, 49
PowerPEX F1807, copper 42, 45, 48
PowerPEX F1807, no lead brass 42
PowerPEX F1960 107
PowerPEX F2080 130–131, 133–134
PowerPEX F2159 AccuCrimp 91
PVC 174
Fire Rated
BiFolator 428
EZ Glide Suspension Clamp 425
EZ Glide Tube Clamp 425
Ox Box 249–252
Pipe Eye 427
Power Bar 458
TouchDown 430
TouchDown II 431
TouchDown II Beam Clamp 432, 475
TouchDown II Strut Clamp 432, 475
Fit Quick
coupling 212–213
disconnect tool 216
drop ear elbow 214
elbow 212
elbow adapter 214
FIP adapter 213–214
full-port ball valve 215
MIP adapter 213–214
quarter-turn stop valve 215
slip coupling 213
tee 212
test cap 213
tube stiffener 216
Fitting socket adapter 356
Fittings
CPVC 151–165
Failsafe 85
Fit Quick 211–216
PB F1380 219–221
PowerPEX F1807, brass 34–37, 39–42, 44–45, 47, 49, 54–56
PowerPEX F1807, copper 32–33, 35, 38, 42, 44–59, 87
PowerPEX F1807, no lead brass 33–34, 36–37, 39–42, 44, 55–56
PowerPEX F1960, brass 102–108, 112–113
PowerPEX F1960, no lead 102–111, 113–115
PowerPEX F2080, brass 124, 126–137
PowerPEX F2080, no lead 124–125, 127–133
PowerPEX F2159 AccuCrimp 88–91
PVC 174–175
sweat 180–191, 195–199
Viega® PEX Press® 93–95
Flange
closet 384–390
urinal 389
Flange extension ring 389
Flashing drain 312–328
Flexible PVC test cap 413
Flexible water heater connector
CPVC 162
CPVC no lead 162
PowerPEX F1807, brass 56
PowerPEX F1807, copper 56
PowerPEX F1807, no lead brass 56
PowerPEX F1960, no lead 114
PowerPEX F2080 136
Viega® PEX Press® 95
Floor drain
above-grade 312–328
adapters 356–358
adjustable 285–294, 312–322
bell trap 381
Fat Max 295–297, 306–307, 310
Finish Line 285–291, 312–322
flashing 312–328
general purpose 297, 308, 377
inside pipe 378
integral trap (see Weld One) 376

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

large capacity 297, 302–305, 308–309
on-grade 285–294, 298–299
Pittsburgh style 382
Quad Drain 377
replacement strainers 359, 400–402
St. Louis style 382
stainless steel 297, 310
Weld One 376
Floor sink
cast iron round 309
cast iron square 304–305
PVC square 302
Square Max 302
Floor sleeve 456
Flush plug
brass 354
polypro 353
PVC 354
Fresh-air vent (see Philadelphia style vent cap) 382
Frost-proof anti-siphon sillcock
CPVC 165
PowerPEX F1807 61
sweat 193
Frost-proof sillcock replacement parts for 118 and 119 series 194
Full Flush 386
Full-slip male adapter 182
Full-slip repair couplings 181
Full-slip water heater connectors 65, 98, 118, 142, 169, 170, 203–204, 215
Full clamps
PadLock 423
Sioux Strap 423
Funnel, secondary drainage 255

G

Galvanized bracket
A-1 pipe bracket 462
DWV hanger 444
Edge Support System 460
hanger strap 445–446
Pipe Eye Suspension Bracket 474
Power Bar 457
Slider Bracket 459
Strong Arm Bracketing System 451–455
stub out bracket 461–462
support bracket 455, 460
two-hole tube strap 433
Gas outlet boxes (see Ox Box) 252
Gas test gauge 416
Gasketed closet flange (see Push Tite) 385
Gauges
go/no-go 81–82
testing 416
General purpose floor drain 297, 308
Go/no-go gauge 81–82
Grid Iron 467
Grip Tip 412
Gripper 380
Ground stakes 447
Grommets
EZ Glide Tube Insulator 426
Pipe Eye 427

H

Half clamps
Pick-Up Talon 421
Tube Talon 422
Twin Talon 422
Halo Cleanout 346–347
Halo Drain 327–328
Hand pump, high-pressure 416
Hand Tite 409
Hangers
CTS tube 425–426, 428, 436
DWV 441–442, 444–446
Hanger strap
Ape Tape 445
copper plated 446
galvanized 446
polypropylene 445
Tab Tape 446
woven 445
Hangs Tuff Jr. 436
Hangs Tuff 441
Heat trap loop, sweat 199
Heating coil loop kit 170, 204
Hot Mop shower drain 371
Hydra-Rester 229

I

Ice maker kit, Add-A-Line 201
Ice maker outlet box 245
Fire-Rated 250–251
Mini-Rester 246
Ice maker valve, PowerPEX F1807 61
Industrial water hammer arrester 231
Inflatable test plug 411
Inflatable test tee plug 411
Inside pipe drain 378
Insulators
BiFolator 428
EZ Glide Tube Insulator 426
Suspensulator 426
Pipe Eye 427
Integral trap floor drain (see Weld One) 376

J

Jacking bolt shower drain 373
JackRabbit 373
J-hooks
drive hook 434
Hangs Tuff 441
Hangs Tuff Jr. 436
Swivel J-Hanger 442

K

Knockout closet flange 384
Knockout test plug and cap 413

L

L-bracket 441, 443
Large capacity floor drain
Fat Max 295–297, 306–307, 310
Finish Line 285–291
Little Max 297, 308
Large capacity roof drain 332
Lavatory outlet box 247
Fire-Rated 251
Mini-Rester 247
Little Max 297, 308
Lock Block 451

M

Main Block 429
Male sweat adapter
CPVC 159
Failsafe 86
full-slip 182
PB F1380 220
PowerPEX F1807, brass 39–40
PowerPEX F1807, copper 38, 46
PowerPEX F1807, no lead brass 39–40
PowerPEX F1960 105–106, 108
PowerPEX F2080 128, 132–133
PVC 175
Manifolds
endpiece 80, 208
MIP branches 77–78, 205–206
PowerPEX F1807 branches 67–76
PowerPEX F1960 branches 119–120
PowerPEX F2080 branches 143–145
PowerPEX F2159 AccuCrimp 91–92
sweat branches 76–80, 204–208
Mechanical test plugs 408–410
Mechanical test tool (see Tee Pee) 410
Mega-Rester 231
Metal bend support (see SideWinder) 456
Metal deck anchor 471
Metal stud insulator 427
Milford hanger 436
Mini-Rester
compression tee 228
female compression tee 228
PowerPEX tee 228
straight 226
tee 227
tub/shower tee 227
Mini strut, Power Bar 468
MIP adapter
CPVC 154
Failsafe 86
Fit Quick 213–214
full-slip 182
PowerPEX F1807, brass 41, 44
PowerPEX F1807, copper 44
PowerPEX F1807, no lead brass 41, 44
PowerPEX F1960 106–108
PowerPEX F2080 129–132
PowerPEX F2159 AccuCrimp 90
PVC 174
Moss Bay flange repair ring 388

N

Nailer
Pick-Up Talon 421
tube nailer 434
Tube Talon 422
Twin Talon 422

Natick hanger 436
Nipple, brass 183
No-hub adapter 357
No-hub roof drain, 868 Series 333
Noise absorption blocks 430–431

O

Offset closet flange 386
Offset pipe clamp 429
Offset riser fitting, sweat 191
Offset shower drain 372
Offset tub spout elbow, male sweat 186
Offset tube hanger (see Totem) 424
On-grade adjustable cleanout 344–349
Over/Under Access Panel
(see Access Panel) 258
Ox Box
AAV outlet box (see TurboVent) 396
box clip 254
caps and accessories 256
fire-rated gas box 252
fire-rated ice maker outlet box 250–251
fire-rated lavatory box 251
fire-rated toilet box 252
fire-rated washing machine outlet box 249–250
frame extension 254
frame inserts 254
frames 254
ice maker outlet box 245–246
lavatory outlet box 247
outlet box 254
Ox Box ONE 253
secondary drainage funnel 255
shank nut 256
stainless steel outlet box 256
toilet/dishwasher outlet box 248
washing machine outlet box 243–244

P

PadLock 423
PEX
Failsafe 85–86
PB F1380 221
PowerPEX F1807, brass 34–37, 39–42, 44–45, 47, 49, 54–56, 76
PowerPEX F1807, copper 32–33, 35, 38, 42, 44–59, 67–75, 87
PowerPEX F1807, no lead brass 33–34, 36–37, 39–42, 44, 55–56
PowerPEX F1960, brass 102–108, 112–113
PowerPEX F1960, no lead 102–111, 113–115
PowerPEX F2080, brass 124, 126–137
PowerPEX F2080, no lead 124–125, 127–133
PowerPEX F2159 AccuCrimp 88–92
Viega® PEX Press® 93–95
PEX bend supports 454
PEX floor sleeve 456
PEX tube insert, stainless steel 83, 147
Philadelphia style vent cap 382
Pick-Up Talon 421
Pipe bore adapter 403
Pipe clamp 425, 430–434
Pipe clamp, offset 429, 475
Pipe Down 430–431
Pipe Eye Suspension Bracket 474
Pipe Eye 427
Pipe hook, wire 435
Pipe insulators 426–428
Pipe plug, expandable 409
Pipe Titan 466
Pittsburgh style drain 382
Planter area drain 336
Plastic bend support
(see Strong Arm) 451–455
Plastic tube cutter 83
Plated stub out sleeve 181
Plug
Failsafe 86
PowerPEX F1807 37
PowerPEX F1960 105
PowerPEX F2080 127–128
PowerPEX F2159 AccuCrimp 90
Plug, pipe, expandable 409
Plug, trap adapter 413
Plugs, threaded 353–354
Polybutylene (PB F1380)
fittings 219–221
rings 219
Power Bar Mini Strut 468
Power Bar 457
PowerPEX 32–61, 83, 85–91, 102–115, 124–139, 148
Pressure connector tub/shower
CPVC 161
PowerPEX F1807 53
PowerPEX F1960 112
PowerPEX F2080 135
sweat 190
Viega® PEX Press® 94
Pressure gauge, WOG 414
Prime Perfect 234
distributors 235
wye 235
ProCheck 392
Push-joint adapter 357
Push-Tite 385

Q

Quad Drain 377
Quick Plug 413
Quick Spacer 388

R

Raise-A-Ring 389
Ratchet tube cutter 83
Repair couplings 181
Repair ring, flange 388
Replace-A-Valve 195
Replace-It 380
Replacement covers for cleanouts 361–362
Replacement strainer for drains 360, 400–402
Residential water hammer arrester 225–226
Ringer 388
Roof drain, cast iron 330
Roof drain and overflow 331
Roof drains 330–336
Rough-in kits
lav/sink kits 63, 97, 117, 141, 167
water heater connector kits 65, 98, 118, 142, 168
Round-to-Square strainer adapter 368
Round floor sink 309
Running trap, condensate 403

S

Saddle tee fitting, DWV 404
Saddle-Up 469
Sammy screws 470
Save-A-Flange 390
Screws 437
Secure-All 461
Security fastener bit 362
Sediment screen (see Debris screen)
Service loop, PowerPEX F1807 valved 57
Shield plate 476
Shims, Finish Line 283
Short-N-Swivel FIP × CPVC swivel adapter 155
Shower drains
brass/no-caulk 373
JackRabbit 373
linear 370
module 371–374
offset 372
pan/tile floor 366–369, 371
replacement strainers 359, 400–402
Shower riser fitting 190
Shower-Up
CPVC 166
custom 264
PowerPEX F1807 62
PowerPEX F1960 116
PowerPEX F2080 140
sweat 202
Viega® PEX Press® 96
Side beam connector 472
SideWinder 456
Sillcock adapter, CPVC 157
Sillcock, replacement parts for 118 and 119 series 194
Sillcock, standard
CPVC 165
PowerPEX F1807 61
sweat 193
Sillcock, frost-proof anti-siphon
CPVC 165
PowerPEX F1807 61
sweat 193
Simple Strap 459
Sioux Strap 423
Slab manifold 76, 92
Slider 459
Smart Saddle 404
Solder O Strap 463
Solvent weld floor drain 378–379
Solvent weld roof drain, 867 series 335
Solvent weld roof drain, 868 series 334
SpecBox 256
Split ring hanger 473
Splitters 235
Square floor sink 302, 304–305
Square Max 302

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Square O Strap 463
St. Louis style drain 382
Stainless steel band 438
Stainless steel outlet box 256
Stainless steel PEX tube insert 83, 148
Stainless steel pipe strainer
(see Gripper) 380
Steel clamp, vinyl-coated with screw 434
Stick-Em Up 444
Stop and waste valve, brass
CPVC 164
PowerPEX F1807 60
sweat 192
Straight adapter
CPVC 154–155, 158–159
Failsafe 86
Fit Quick 213
PB F1380 220–221
PowerPEX F1807 38–42, 46–49, 58–59
PowerPEX F1960 105–107, 114–115
PowerPEX F2080 128–130, 133–134, 137
PowerPEX F2159 AccuCrimp 90–91
PVC 174–175
Viega® PEX Press® 95
Straight floor support 456
Strainer cast iron 402
Strainer for drains 359–360, 400–402
Strainer for roof drains 360
StreamLine 370
Strong Arm 451–455
Strut clamp 432, 475
Strut dam 432, 475
Stub Air
PowerPEX F1807 52
sweat 189
Stub out bracket 459, 461
Stub out bracket with stud guard 462
Stub out (see Bullet)
Stub out elbow
CPVC 160
CPVC with Square O Strap 160
PowerPEX F1807 50–51
PowerPEX F1807 polished
nickel-plated 50
PowerPEX F1807 with
Square O Strap 51
PowerPEX F1960, no lead 109–110
PowerPEX F1960, no lead with
Square O Strap 110
PowerPEX F2080 134
PowerPEX F2080 with
Square O Strap 134
sweat 183–184
sweat with Square O Strap 184
Viega® PEX Press® with
Square O Strap 93
Stub out elbow kit
CPVC 167–168
PowerPEX F1807 63–64
PowerPEX F1960 117–118
PowerPEX F2080 141–142
Viega® PEX Press® 97–98
Stub out loop, PowerPEX F1807
water heater 57
Stub out loop, sweat water heater 199
Stub out sleeve 181
Stud guard 474
Stud shoe 474
Supply and return loop connectors
CPVC 170
sweat 204
Supply stop
Fit Quick 215
PowerPEX F1807 60
PowerPEX F2080 138–139
Viega® PEX Press® 95
Support bracket 455, 460
Suspension clamp 425
Suspensulator 426
Sweat fittings
copper 180–181, 183–191, 195–199
CPVC 159
Failsafe 86
PB F1380 220
PowerPEX F1807, brass 39–40
PowerPEX F1807, copper 38
PowerPEX F1807, no lead brass 39–40
PowerPEX F1960, brass 105–106
PowerPEX F1960, no lead brass 105–106
PowerPEX F2080, brass 128–130,
132–133
PowerPEX F2080, no lead brass 128–129,
132
PVC 175

T

T-Cone 409
Tab Tape 446
Tailpiece, trap primer 236
Tankless water heater connector
kit 65, 169, 203, 215
Tee
Failsafe 85
Fit Quick 212
PB F1380 220
PowerPEX F1807 brass 35
PowerPEX F1807 copper 59
PowerPEX F1807 no lead brass 34
PowerPEX F1960, brass 104
PowerPEX F1960, no lead brass 103
PowerPEX F2080, brass 126
PowerPEX F2080, no lead brass 125
PowerPEX F2159 AccuCrimp 89
Tee Pee 410
Termination fitting
FIP × male sweat 180
Wal-Let, CPVC 157
Wal-Let, sweat 180
Test assemblies 416
Test cap 412–413
Test gauges 416
Test plug
cleanout 408–409
inflatable 411
mechanical 408
pneumatic 408
shower drain (see Double Duty) 366
trap adapter 413
Test Titan 408
Thermoplastic ball valve, CPVC 164
Thread rod 471
Threaded wall bar 351
TKO 384
Tomahawk 447
Toilet outlet box 248
Fire-Rated 252
Mini-Rester 248
Tool kit, PowerPEX F2080 147
Tools 81–83, 146–148, 216
Top beam clamp 472
Top plate connector 472
Totem 424
TouchDown 430, 458
TouchDown Beam Clamp 432, 475
TouchDown II 431
TouchDown II Strut Clamp 432, 475
Trap, condensate 403
Trap primer adapter 236, 356, 358
Trap primer, electronic 238
recessed box 237
surface mount 237
Trap primer tailpiece 236
Trap primer valve 234
Trap-Ease 236
Tub spout elbow 185
Tub/shower pressure connector
CPVC 161
PowerPEX F1807 53
PowerPEX F1960 112
PowerPEX F2080 135
sweat 190
Viega® PEX Press® 94
Tube clamp 425, 434
Tube cutter
plastic 83
ratchet 83
Tube insert, PEX, stainless steel 83, 148
Tube insulator 426
Tube stiffener, Fit Quick 216
Tube strap 423, 433
Tube strap nail 437
Tube Talon 422
TurboVent 396
TurboVent with Ox Box 255
Twin Talon 422
Two-hole tube strap 433

U

Universal Slider Bracket (see Power Bar) 457
Urinal flange kit 389

V

V-Sleeve PowerPEX F1807 32, 88
Vacu-Rester 233
Vacuum breaker 233
Vacuum breaker, hose thread 194
Vacuum breaker arrester 233
Valve, access box
icemaker, no lead 257
laundry, 257
laundry, no lead 257
Valve, brass ball valve
CPVC 164
Fit Quick 215
male press-fit 192
PowerPEX F1807, brass 60
PowerPEX F1807, no lead brass 60
PowerPEX F1960, no lead brass 115
PowerPEX F2080, brass 138–139
PVC 176
sweat 191

Viega® PEX Press® 95
Valve, brass stop and waste
CPVC 164
PowerPEX F1807 60
sweat 192
Valve, thermoplastic, CPVC 164
Valved service loop, PowerPEX F1807 57
Vandal-resistant screw bit 362
Vent cap
Philadelphia style 382
PVC 381
Vent pipe support (see Stick-Em Up) 444
Type B gas vent supports 442
Vinyl-coated DWV hangers 444
Vinyl-coated steel clamp with screw 434
Vinyl-coated wire pipe hook 435

W

Wall cleanout 351–352
Wal-Let
CPVC 157
sweat 180
Wall termination fitting
Wal-Let, CPVC 157
Wal-Let, sweat 180
Washing machine outlet box 243
Fire-Rated 249–250
Mini-Rester 244
Water hammer arrester
commercial 229
industrial 231
residential 226
Water heater connector kits
copper system 203
CPVC 169
custom 271
PowerPEX F1807 64
PowerPEX F1960 117
PowerPEX F2080 141
tankless 65, 169, 203, 215
Viega® PEX Press® 98
Water heater connector
CPVC 161–163
dielectric 197
PowerPEX F1807 54–56
PowerPEX F1960 112–114
PowerPEX F2080 136–137
sweat 195–198
Viega® PEX Press® 94–95
Water heater stub out loop
PowerPEX F1807 57
sweat 199
Water heater stands 477
Water service connectors 201
Weld One 376
Wire pipe hook 435
Worm-Gear bands 438
WOG pressure gauge 416
Wood deck drain (see Halo Drain) 327–328
Wye splitter 235

Z

ZipStick 443
ZipStrap 443

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
104-22	191	**10**	120	11.02		500038	0.3650
104-23	191	**10**	90	16.40		500045	0.7830
104-24	191	**6**	60	29.74		500052	1.1790
105-22	191	**10**	120	20.22		500069	0.4250
105-23	191	**10**	60	25.27		500076	0.7980
105-24	191	**6**	36	34.65		500083	1.2020
106-C22	164	**10**	100	5.90		519153	0.1362
106-C23	164	**10**	100	8.09		519146	0.2469
106-C24	164	**10**	100	12.57		519139	0.2599
111-22	192	**10**	100	8.20		500090	0.4900
111-23	192	**10**	100	9.20		500106	0.5950
113-32	192	**10**	10	8.50		500144	0.5230
113-33	192	**10**	100	9.50		500151	0.5520
113-C32	165	25	25	14.88		400017	0.5959
117-03	194	**20**	240	6.42		500182	0.2340
117-22	193	**10**	100	10.88		500199	0.6396
117-C22	165	**25**	25	15.88		400055	0.6455
117-C223E	165	**25**	25	17.88		400277	0.6831
117X22	61	25	25	13.88		400383	0.6106
118-01	194	12	12	2.69		500007	0.0770
118-02	194	12	12	0.24		500212	0.0070
118-03	194	1	1	1.31		500229	0.0130
118-04	194	12	12	0.40		500236	0.0060
118-05	194	12	12	0.15		506672	0.0010
118-06	194	1	1	0.45		500342	0.0020
118-07	194	1	1	3.36		500441	0.0140
118-08	194	1	1	3.30		500274	0.0270
118-0904	194	1	1	10.45		500281	0.1160
118-0906	194	1	1	10.45		500298	0.1400
118-0908	194	1	1	10.95		500304	0.1580
118-0910	194	1	1	11.70		500311	0.1760
118-0912	194	1	1	12.20		500328	0.3050
118-204	193	**2**	40	27.63		510006	1.0500
118-206	193	**2**	40	28.88		510013	1.1350
118-208	193	**2**	40	30.13		510020	1.2240
118-210	193	**2**	40	32.63		510044	1.2960
118-210PK	193	5	5	72.63	✓	489173	1.7020
118-212	193	**2**	40	37.63		510075	1.3590
118-C208	165	5	5	34.63		400390	1.3841
118-C210	165	5	5	37.13		406156	1.4915
118X204P	61	**5**	5	32.13		510082	1.2019
118X206P	61	**5**	5	33.38		510099	1.2274
118X208P	61	**5**	5	34.63		489081	1.2020
118X210P	61	**5**	5	37.13		510105	1.3120
118X212P	61	**5**	5	42.13		510112	1.3940
118X212PPK	61	4	4	42.63	✓	489128	1.4991
119-00	194	1	25	0.75		566195	0.0144
119-01	194	1	10	2.28		566652	0.0957
119-03	194	1	10	2.05		566218	0.0699
119-04	194	1	25	0.60		566225	0.0087
119-07	194	1	100	11.71		566232	0.1354
119-08	194	1	6	0.96		566249	0.0216
119-08C	194	1	6	2.15		566256	0.0851
119-0904	194	1	10	4.06		566263	0.0844
119-0906	194	1	10	4.72		566270	0.1043
119-0908	194	1	10	5.31		566287	0.1257
119-0910	194	1	10	5.95		566294	0.1426
119-0912	194	1	10	6.61		566300	0.1693
119-10	194	1	6	2.34		566317	0.0877
119-204	193	1	25	34.63		518811	1.5395
119-206	193	1	25	37.88		518828	1.5454
119-208	193	1	25	39.13		518835	1.7200
119-210	193	1	25	41.63		518842	1.7196
119-210CPK	193	5	5	50.13	✓	518859	1.7580
119-210PK	193	5	5	49.63	✓	518866	1.8000
119-212	193	1	25	46.63		518873	1.8096
119-C208	165	5	5	47.13		406163	1.5500
119-C210	165	5	5	49.63		406170	1.6524
119X204P	61	2	2	38.63		518880	1.4320
119X206P	61	5	5	41.88		518897	1.4828
119X208P	61	5	5	43.13		518903	1.5350
119X210P	61	5	5	45.63		518910	1.6500
119X212P	61	5	5	50.63		518927	1.6780
200-090	236	25	25	17.70		105004	0.4801
200-092	236	25	25	20.70		105011	0.4801
213-090	236	25	25	16.77		105028	0.3483
213-092	236	25	25	19.77		105035	0.3483
234-QP	413	**25**	100	0.80		300003	0.0350
250-11	397	**1**	4	94.80		501769	0.6041
250-11A	397	1	6	21.50	✓	105110	0.3250
250-11AC	397	**1**	8	103.50		501776	1.1475
250-11P	397	1	6	21.50	✓	105127	0.3250
250-11PC	397	**1**	8	103.50		501813	1.3131
250-11TB	397	1	6	26.50	✓	100658	0.5033
250-11TW	397	1	6	26.50	✓	100641	0.5533
250-12	397	**1**	4	94.80		501332	0.6425
250-122AB	397	**50**	50	16.75	✓	501981	0.2614
250-122AC	397	**1**	8	103.50		501950	1.4950
250-122PB	397	**50**	50	16.75	✓	502025	0.3044
250-122PC	397	**1**	8	103.50		502001	1.7625
250-12A	397	1	6	22.50	✓	105141	0.3217
250-12AC	397	1	8	103.50		501752	2.6850
250-12P	397	1	6	22.50		105134	0.3667
250-12PC	397	**1**	8	103.50		501844	1.5694
250-696R122A	255	1	6	72.50	✓	410948	1.0333
250-696R122P	255	1	6	72.50	✓	410931	0.8750
250-696122A	255	1	6	28.50	✓	502032	0.8817
250-696122P	255	1	6	28.50	✓	502049	0.8283
280-A266537	83	**10**	2500	1.49		567062	0.0050
280-A266607	83	**50**	1000	5.60		567079	0.0017
280-A266617	83	**50**	1000	6.37		567086	0.0022
280-A266627	83	**25**	25	11.23		567093	0.0736
280-A266637	83	**25**	25	12.00		567109	0.1080
280-A266647	83	**25**	25	13.37		567116	0.1312
304-08	83	**12**	72	16.70	✓	510150	0.2760
304-1	83	1	50	5.50		500571	0.0726
304-11	83	1	12	20.72	✓	567161	0.6750
304-12	83	1	12	16.70	✓	566119	0.3379
304-12B	83	1	12	6.75		566102	2.4279
305-100PK1	81	1	10	45.13	✓	520425	1.1796
305-20CPK	81	1	10	170.00	✓	500823	2.6786
305-23CPK	81	1	10	170.00	✓	566829	3.2000
305-30CPK	81	1	10	170.00	✓	500830	3.0665
305-40CPK	81	1	10	180.00	✓	566836	3.6000
305-41CKIT	81	1	10	252.88	✓	202543	4.1375
305-82TX	82	1	10	220.00	✓	500175	4.6495
305-83TX	82	1	10	220.00	✓	501134	4.6495
305-84TX	82	1	10	270.00	✓	501677	5.3950
305-85TX	82	1	12	9.15	✓	501738	0.1808
305-91PK	81	1	12	130.00	✓	566669	3.2187
305-92PK	81	1	10	130.00	✓	566676	3.4107
305-92TX	82	1	10	185.00	✓	501905	2.6300
305-93PK	81	1	10	130.00	✓	566683	3.5908
305-95	81	12	12	6.96	✓	504333	0.0813
305-99	82	1	10	58.00	✓	566454	0.8168
305-A137964	146	1	1	1317.79		500168	5.2500
305-A139092	83	1	10	235.00		566874	2.5287
305-A139092B	83	1	25	27.85		566089	0.3930
305-A139592-0	146	1	1	300.94	✓	566881	1.6512
305-A235407	148	1	1	8008.13		566898	75.0000
305-A235417-5	146	1	1	191.58		566997	0.4645
305-A235427-6	146	1	1	290.11		567000	1.2700
305-A235437-7	146	1	1	317.34		567017	2.1500
305-A235497	146	1	1	1317.79		566904	5.8100
305-A243107	147	1	1	423.41		566911	2.9375
305-A243737	146	1	1	572.92		566955	3.4167
305-A243767	146	1	1	123.79		566928	0.9000
305-A243787	146	1	1	109.94		566935	1.3500
305-A243797	146	1	1	112.08		566942	1.2120
305-A261216	147	1	1	1990.40		566843	15.6700
305-A261246	147	1	1	1374.81		566966	12.6000
305-A261256	147	1	1	2232.65		566973	18.3000
305-A261856-1	146	1	1	196.11		567024	0.3395
305-A261866-2	146	1	1	168.98		567031	0.3593
305-A261886-3	146	1	1	171.93		567048	0.3750
305-A261896-4	146	1	1	176.84		567055	0.4079
305Q2	216	1	24	1.74	✓	400468	0.0179
305Q3	216	1	24	1.74	✓	400482	0.0292

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Numerical Index

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
305Q4	216	1	12	1.95	✓	400499	0.0421
305Q5	216	1	1	19.25		408006	0.3450
305Q6	216	1	10	20.50		408013	0.3650
305Q7	216	1	1	20.50		407979	0.4380
355-05PK2	416	1	10	9.00	✓	504555	0.5298
355-15PK1	416	1	10	25.00	✓	518019	0.7865
355-30PK1	416	1	10	25.00	✓	518033	0.7513
355-60PK1	416	1	10	25.00	✓	518064	0.7913
356-100PK1	416	1	10	11.25	✓	518606	0.3221
356-160PK1	416	1	10	11.25	✓	518668	0.3450
356-300PK1	416	1	10	11.25	✓	377357	0.3417
356-30PK1	416	1	10	11.25	✓	504579	0.3223
356-60PK1	416	1	10	11.25	✓	504586	0.3587
360-15PK1	416	1	10	11.25	✓	518514	0.3633
360-300PK1	416	1	10	19.75		520302	0.1387
490-11320	390	1	10	6.60	✓	303462	0.2021
490-11322	390	1	10	17.22	✓	303486	0.8169
500-2	433	**100**	500	0.37		200013	0.0143
500-3	433	**100**	500	0.42		200020	0.0163
501-0	433	**100**	500	0.14		265968	0.0180
501-0PK	433	**100**	100	0.19	✓	204400	0.0075
501-1	433	**100**	500	0.15		265920	0.0190
501-1PK	433	**100**	100	0.20	✓	204417	0.0085
501-2	433	**100**	500	0.16		265937	0.0133
501-2PK	433	**100**	100	0.21	✓	204233	0.0090
501-2PK2	433	10	10	2.42	✓	204226	0.1500
501-3	433	**100**	500	0.18		265944	0.0152
501-3PK	433	**100**	100	0.23	✓	204271	0.0110
501-3PK2	433	10	10	2.65	✓	204264	0.1600
501-4	433	**100**	100	0.25		265951	0.0362
501-4PK	433	**100**	100	0.30	✓	204301	0.0305
501-5	433	**100**	100	0.39		200082	0.0413
501-5PK	433	**100**	100	0.44	✓	204318	0.0295
501-6	433	**100**	100	0.41		200099	0.0556
501-6PK	433	**100**	100	0.46	✓	204325	0.0360
501-7	433	**100**	100	0.46		200105	0.0444
501-7PK	433	**100**	100	0.52	✓	204332	0.0420
502-0PK	433	**100**	100	0.26	✓	203953	0.0135
502-1	433	**100**	100	0.16		204004	0.0180
502-1PK	433	**100**	100	0.27	✓	203991	0.0150
502-2	433	**100**	100	0.17		265524	0.0188
502-2PK	433	**100**	100	0.28	✓	204035	0.0217
502-2PK2	433	**10**	10	2.01	✓	204028	0.2255
502-3	433	**100**	100	0.20		265548	0.0265
502-3PK	433	**100**	100	0.32	✓	204073	0.0270
502-3PK2	433	**10**	10	2.33	✓	204066	0.2570
502-4	433	**100**	100	0.30		265555	0.0440
502-4PK	433	**100**	100	0.42	✓	204103	0.0596
502-4PK2	433	**10**	10	1.43	✓	203922	0.1920
502-5	433	**50**	50	0.44		265562	0.0600
502-5PK	433	**50**	50	0.56	✓	204127	0.0494
502-5PK2	433	**10**	10	1.98	✓	203939	0.2600
502-6	433	**50**	50	0.48		265579	0.0595
502-6PK	433	**50**	50	0.60	✓	204141	0.0634
502-6PK2	433	**10**	10	2.16	✓	267474	0.2519
502-7	433	**50**	50	0.63		265517	0.0960
502-75	433	**25**	25	1.29		200174	0.1608
502-75PK	433	**20**	20	1.41	✓	204172	0.1550
502-7PK	433	**50**	50	0.75	✓	204165	0.1040
502-7PK2	433	**10**	10	2.42	✓	267481	0.4012
502-8	433	**25**	25	1.56		265531	0.1832
502-8PK	433	**15**	15	1.68	✓	204189	0.1780
502-9	433	**25**	25	1.86		200198	0.2400
502-9PK	433	**10**	10	1.98	✓	204196	0.2400
503-2	434	**100**	1000	0.16		265630	0.0207
503-2P	434	**100**	1000	0.29		265647	0.0205
503-3	434	**100**	1000	0.18		265654	0.0247
503-3P	434	**100**	1000	0.32		265661	0.0247
504-3	434	**100**	1000	0.17		200259	0.0225
504-3P	434	**100**	1000	0.32		265678	0.0257
504-3PK2	434	**10**	10	2.27	✓	204622	0.1992
504-3PK3	434	1	10	17.41	✓	204646	2.1915
504-3PPK2	434	**10**	10	3.80	✓	204660	0.2210
505-24	463	**100**	100	0.52		200273	0.0497
505-29	463	**100**	500	0.58		265494	0.0307
505-34	463	**100**	100	0.55		200341	0.0488
505-39	463	**100**	500	0.64		265500	0.0278
505-44	463	**50**	50	0.64		266965	0.0121
505-49	463	**50**	50	0.78		200327	0.0339
505-5	463	**25**	100	0.98		201164	0.0419
506-22C	435	**100**	2000	0.16		200334	0.0276
506-24	435	**50**	500	0.23		265685	0.0490
506-24C	435	**50**	500	0.33		205643	0.0420
506-24P	435	**50**	500	0.45		265739	0.0475
506-26	435	**50**	500	0.29		265692	0.0645
506-26C	435	**50**	500	0.41		205681	0.0620
506-26CPK2	435	**5**	5	2.25	✓	205667	0.3240
506-26P	435	**50**	500	0.53		265746	0.0660
506-26PK2	435	**5**	5	1.66	✓	205063	0.3070
506-26PPK2	435	**5**	5	2.85	✓	205360	0.3270
506-32C	435	**100**	2000	0.18		200426	0.0160
506-34	435	**50**	500	0.25		265708	0.0440
506-34C	435	**50**	500	0.35		200433	0.0440
506-34P	435	**50**	500	0.47		265753	0.0460
506-34PK2	435	**5**	5	1.47	✓	205100	0.2556
506-36	435	**50**	500	0.32		265715	0.0608
506-36C	435	**50**	500	0.43		265791	0.0640
506-36CPK2	435	**5**	5	2.35	✓	205742	0.3240
506-36P	435	**50**	500	0.55		265760	0.0650
506-36PK2	435	**5**	5	1.78	✓	205148	0.3130
506-36PPK2	435	**5**	5	2.95	✓	205445	0.3330
506-38	435	**50**	500	0.38		265722	0.0724
506-38C	435	**50**	500	0.45		265807	0.0760
506-38P	435	**50**	500	0.57		265777	0.0810
506-46	435	**50**	500	0.35		205247	0.0661
506-46C	435	**50**	500	0.44		265814	0.0662
506-46CPK2	435	**5**	5	2.39	✓	205827	0.3360
506-46P	435	**50**	500	0.61		265784	0.0660
506-46PK2	435	**5**	5	1.94	✓	205223	0.3070
506-46PPK2	435	**5**	5	3.26	✓	205520	0.3270
506-56	435	**50**	500	0.41		200594	0.0576
506-66	435	**50**	500	0.45		200662	0.0600
508-2B	464	**25**	25	2.00		201126	0.0730
508-2PK	464	**25**	25	1.75	✓	203519	0.0791
508-3B	464	**25**	25	2.15		201133	0.0802
508-3PK	464	**25**	25	1.80	✓	203557	0.0671
508-4B	464	**25**	25	2.25		201157	0.0842
508-4PK	464	**25**	25	1.86	✓	203588	0.0821
509-PK2	437	**20**	20	1.90		204455	0.1142
510-6PK	444	**20**	20	1.98	✓	260666	0.2453
510-6S	444	**20**	20	6.46	✓	263483	0.2469
510-6VPK	444	**10**	10	4.00	✓	260864	0.3044
510-7PK	444	**20**	20	2.12	✓	260673	0.2933
510-7S	444	**20**	20	6.67	✓	263490	0.2535
510-7VPK	444	**10**	10	4.25	✓	260871	0.3165
510-8PK	444	**20**	20	2.63	✓	260697	0.3982
510-8S	444	**20**	20	7.40	✓	263506	0.2844
510-8VPK	444	**10**	10	4.99	✓	260895	0.3917
510-9PK	444	**20**	20	2.95	✓	260703	0.4362
510-9S	444	**20**	20	8.14	✓	263513	0.3153
510-9VPK	444	**10**	10	5.91	✓	260901	0.4838
512-212PK	436	**50**	50	2.00	✓	215673	0.1191
512-26PK	436	**50**	50	1.45	✓	215666	0.0810
512-312PK	436	**50**	50	2.14	✓	215758	0.1445
512-36PK	436	**50**	50	1.50	✓	215741	0.0900
512-412PK	436	**50**	50	2.43	✓	215833	0.1261
512-46PK	436	**50**	50	1.62	✓	215826	0.0890
513-26PK	436	**25**	25	2.00	✓	215093	0.0638
513-36PK	436	**25**	25	2.05	✓	215178	0.1021
515-10GPK2	472	**10**	10	4.77	✓	261106	0.9742
515-2CPK2	472	**10**	10	1.92	✓	261229	0.1573
515-2GPK2	472	**10**	10	1.71	✓	261021	0.1613
515-3CPK2	472	**10**	10	1.96	✓	261236	0.1593
515-3GPK2	472	**10**	10	1.78	✓	261038	0.1803
515-4CPK2	472	**10**	10	2.00	✓	261243	0.1413
515-4GPK2	472	**10**	10	1.79	✓	261045	0.1983
515-5CPK2	472	**10**	10	2.17	✓	261250	0.2341
515-5GPK2	472	**10**	10	2.04	✓	261052	0.2891

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
515-6CPK2	472	**10**	10	2.30	✓	261267	0.2924
515-6GPK2	472	**10**	10	2.34	✓	261069	0.2624
515-7CPK2	472	**10**	10	2.65	✓	261274	0.4064
515-7GPK2	472	**10**	10	2.46	✓	261076	0.3288
515-8GPK2	472	**10**	10	3.94	✓	261083	0.8826
515-9GPK2	472	**10**	10	4.44	✓	261090	0.6371
516-2CB	473	100	100	2.39		201171	0.0900
516-2CPK2	473	**20**	20	1.58	✓	263421	0.1104
516-2GB	473	100	100	2.50		201324	0.1000
516-2GPK2	473	**20**	20	1.42	✓	263223	0.1274
516-3CB	473	100	100	2.43		201188	0.1000
516-3CPK2	473	**20**	20	1.68	✓	263438	0.1244
516-3GB	473	100	100	2.58		201362	0.1100
516-3GPK2	473	**20**	20	1.62	✓	263230	0.1694
516-4CB	473	100	100	2.58		201195	0.1100
516-4CPK2	473	**10**	10	1.94	✓	263445	0.1703
516-4GB	473	100	100	2.84		201386	0.1200
516-4GPK2	473	**10**	10	1.68	✓	263247	0.1923
516-5CB	473	100	100	2.87		201256	0.1200
516-5CPK2	473	**10**	10	2.21	✓	263452	0.1625
516-5GB	473	100	100	3.17		201393	0.1300
516-5GPK2	473	**10**	10	2.18	✓	263254	0.2203
516-6CB	473	100	100	3.13		201294	0.1400
516-6CPK2	473	**10**	10	2.45	✓	263469	0.2010
516-6GB	473	100	100	3.87		201409	0.1400
516-6GPK2	473	**10**	10	2.40	✓	263261	0.2405
516-7CB	473	100	100	3.61		201416	0.1500
516-7CPK2	473	**10**	10	2.89	✓	263476	0.2430
516-7GB	473	100	100	4.71		201430	0.1600
516-7GPK2	473	**10**	10	2.62	✓	263278	0.2985
520-09	256	250	250	1.70		101167	0.0882
520-16CPK	460	**25**	25	2.05	✓	208026	0.1630
520-19	459	50	50	1.43		206640	0.2160
520-19C	459	50	50	2.84		206657	0.2160
520-19CPK	459	**25**	25	3.41	✓	209061	0.2239
520-19PK	459	**50**	50	1.80	✓	209023	0.2285
520-19T	459	50	50	1.63		206664	0.2040
520-19TC	459	50	50	2.88		206671	0.1920
520-24	459	25	25	1.94		206688	0.2920
520-419	459	50	50	3.15		206701	0.1920
520-419T	459	50	50	3.15		206725	0.1792
520-419TC	459	50	50	4.10		206732	0.1800
520-E16	460	100	100	1.10		266736	0.1257
520-E16C	460	100	100	1.86		266705	0.1230
520-E24	460	100	100	1.79		266712	0.2425
520-E24C	460	100	100	2.95		266682	0.2290
520-EC2	460	**100**	1000	0.40		267283	0.0135
520-EC3	460	**100**	1000	0.42		267290	0.0158
521-110	465	25	25	6.70		201201	0.7125
521-111	465	50	50	7.21		267795	0.3084
521-112	465	50	50	7.11		267801	0.3540
521-113	465	50	50	7.11		267818	0.3572
521-118	461	50	50	3.49		206749	0.3540
521-118R	461	25	25	3.69		206756	0.3736
521-126	461	50	50	5.24		206763	0.4134
521-210	441	25	100	1.05		206770	0.0697
521-318	461	50	50	2.92		206787	0.6000
521-360	461	50	50	3.54		206794	0.7640
521-3725B	461	**100**	100	1.49		266552	0.2566
521-557	474	25	25	0.98		265982	0.0556
521-558	474	25	25	1.08		206800	0.1640
521-559	474	25	25	1.44		266163	0.1867
521-6415	462	25	25	2.90		206817	0.3600
521-6416	462	25	25	2.90		265852	0.3532
521-6417	462	50	50	1.92		266491	0.1345
521-6418	462	50	50	1.39		266507	0.1124
521-723	465	25	25	7.23		266156	0.3694
521-723BB	465	25	25	9.25		201447	0.2227
521-725	464	**5**	5	9.93		260888	0.8060
521-726	464	**5**	5	10.99		206824	0.9320
521-727	464	**5**	5	9.93		260857	0.7950
521-728	464	**5**	5	9.93		260840	0.7880
521-810	461	50	50	4.15		206831	0.3880
521-810PK	461	**50**	50	4.50	✓	220202	0.3972
521-820	461	50	50	3.90		206848	0.2560
521-851	461	50	50	3.82		206855	0.5005
521-851PK	461	**25**	25	4.23	✓	207029	0.5140
521-852	461	50	50	4.65		206862	0.6314
522-100B	430	1	100	36.14		201331	0.2431
522-100BPK2	430	1	10	4.35	✓	266187	0.0482
522-101	458	**100**	100	0.19		201355	0.0089
522-102	458	**100**	500	0.33		267603	0.0078
522-5500	458	**100**	100	0.52		201591	0.0317
522-5501	458	100	100	0.90		206923	0.0372
523-01	458	**10**	50	2.03		201614	0.0937
523-1	469	50	50	1.20		201232	0.0601
523-16	458	50	50	3.21		266460	0.2789
523-1604	458	50	50	3.59		266446	0.3289
523-1610	458	50	50	4.01		266477	0.3285
523-1614	458	50	50	4.18		266361	0.3538
523-1620	458	50	50	4.50		266354	0.3586
523-162001	458	1	1	219.49		266378	17.6370
523-1620PK1	458	**10**	10	6.10		266545	0.4428
523-1624	458	50	50	4.66		266385	0.3819
523-162401	458	1	1	227.64		266392	18.8503
523-1630	458	50	50	5.30		266439	0.3874
523-1634	458	50	50	5.46		266408	0.4119
523-1B	469	**5**	50	3.23		201638	0.1637
523-1C	469	**5**	50	3.02		200532	0.1540
523-1D	469	**5**	50	2.80		200556	0.1340
523-1K52000	458	**10**	10	5.84		201645	0.5562
523-24	458	50	50	4.18		201669	0.3950
523-2404	458	50	50	4.56		201676	0.5465
523-2414	458	50	50	5.14		201683	0.5637
523-2420	458	50	50	5.46		201690	0.4800
523-242001	458	1	1	267.80		201225	23.3980
523-2424	458	50	50	5.63		201713	0.5002
523-242401	458	1	1	275.84		201218	24.5600
523-2434	458	50	50	6.43		201737	0.5230
523-2MS	468	50	50	2.12		267184	0.1950
523-2MS2	468	50	50	3.45		267191	0.2533
523-2MS3	468	50	50	3.87		267207	0.3636
523-2MS4	468	50	50	4.38		267214	0.3732
523-31	434	**100**	1000	0.81		201744	0.0283
523-32	434	**100**	1000	0.86		201751	0.0403
523-33	434	**50**	500	0.92		201768	0.0478
523-34	434	**50**	500	0.99		201775	0.0511
523-3MSL	468	**25**	25	5.15		201621	0.7556
523-3MSS	468	**25**	25	2.45		201652	0.4360
523-3MSS2	468	**25**	25	4.50		201874	0.5080
523-3MSS3	468	**25**	25	4.90		201898	0.5320
523F2424	458	50	50	7.64		208071	0.6259
523F5500	458	**100**	100	2.03		265999	0.0490
524-10	446	**50**	50	1.64		201782	0.6000
524-100	446	**5**	5	15.40		201799	5.5880
524-1022PK2	446	**10**	10	2.21	✓	203137	0.6160
524-10C	446	**50**	50	4.43		201812	0.4780
524-10CPK2	446	**10**	10	5.21	✓	203168	0.3693
524-10PK	446	50	50	1.75	✓	203038	0.5628
524-10PK2	446	**10**	10	1.87	✓	203021	0.5107
524-50	446	10	10	7.70		201829	2.4383
524-50PK3	446	1	10	8.41	✓	203069	2.9000
525-02	459	**100**	1000	0.45		314741	0.0129
525-03	459	**100**	1000	0.50		314758	0.0146
525-1012	451	**25**	25	2.91		315083	0.3538
525-101PB	454	**25**	25	3.86		315076	0.4320
525-10T	451	100	100	0.94		201485	0.0133
525-1612	451	**25**	25	3.17		267078	0.4708
525-1612L	451	**25**	25	3.17		202277	0.4916
525-1612R	452	**25**	25	3.80		267498	0.4874
525-1613	451	**25**	25	3.33		300010	0.4738
525-1613R	452	**25**	25	4.00		267504	0.4884
525-1614	451	**25**	25	3.48		267610	0.4780
525-1614R	452	**25**	25	4.11		267719	0.4958
525-161PB	454	**25**	25	4.35		267313	0.5200
525-161PBL	454	**25**	25	4.35		267924	0.5704
525-161PBPK	454	10	10	6.45	✓	200877	0.5728
525-1622	451	**25**	25	3.95		267085	0.5372

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
525-1622L	451	25	25	3.91		202314	0.5626
525-1622PK1	451	10	10	6.81		266651	0.5293
525-1622R	452	**25**	25	5.15		267511	0.4916
525-1622V	455	25	25	6.40		200501	0.6640
525-1623	451	**25**	25	4.14		267092	0.5372
525-1623R	452	**25**	25	5.30		267528	0.5664
525-1624	451	**25**	25	4.21		267627	0.6085
525-162PB	454	**25**	25	5.20		267320	0.6800
525-162PBL	454	**25**	25	5.20		267917	0.7264
525-162PBPK	454	10	10	7.96	✓	200884	0.7350
525-162PBV	455	25	25	8.11		200518	0.8310
525-16T	451	100	100	1.20		267139	0.1925
525-16WLB	453	**25**	25	4.02		267696	0.3649
525-18	460	100	100	1.05		266002	0.1980
525-20	460	100	100	1.15		266019	0.1935
525-20B	451	100	100	1.15		267047	0.1966
525-2412	451	**25**	25	3.60		267108	0.6067
525-2412R	452	**25**	25	4.33		267535	0.6290
525-2413	451	**25**	25	3.75		300515	0.6067
525-2414	451	**25**	25	4.33		267634	0.6196
525-2414R	452	**25**	25	4.64		267733	0.6374
525-241PB	454	**25**	25	4.85		267344	0.6976
525-241PBL	454	**25**	25	4.85		267900	0.7275
525-2422	451	**25**	25	4.38		267115	0.6788
525-2422R	452	**25**	25	5.76		267559	0.6350
525-2423	451	**25**	25	4.53		267122	0.6788
525-2424	451	**25**	25	5.11		267641	0.6871
525-2424R	452	**25**	25	6.07		267740	0.7228
525-242PB	454	**25**	25	5.70		267351	0.8370
525-242PBL	454	**25**	25	5.60		267894	1.3988
525-24T	451	100	100	1.35		267146	0.2596
525-24TX2	455	100	100	1.51		309372	0.2810
525-24WLB	453	**25**	25	4.45		267689	0.7766
525-26	460	100	100	1.36		266026	0.2726
525-27B	451	100	100	1.36		267054	0.2717
525-33	429	1	25	3.50		200976	0.2348
525-34	429	1	25	3.75		200983	0.2548
525-B2	451	**50**	50	0.83		267153	0.0714
525-B2R	452	**50**	50	1.45		267573	0.0876
525-B2S	451	1	50	1.64		200952	0.1015
525-B3	451	**50**	50	0.88		267160	0.0732
525-B3R	452	**50**	50	1.50		267580	0.0886
525-B3S	451	**1**	50	1.98		201096	0.1010
525-B4	451	**50**	50	0.94		267658	0.1197
525-B4R	452	**50**	50	1.55		266613	0.1375
525-P2	454	50	50	1.19		267375	0.0613
525-P22	455	**50**	50	1.86		268358	0.1532
525-P2M	455	25	100	1.42		268334	0.1379
525-P2M1	455	**25**	25	3.11		268341	0.3200
525-P2PK	454	10	10	1.34	✓	200891	0.0536
525-WLB	453	**50**	50	1.40		267702	0.1765
528-10	446	**50**	50	1.60		201836	0.3398
528-100	446	**5**	5	14.65		201843	3.3260
528-10PK	446	**50**	50	1.72	✓	203090	0.3040
528-10PK2	446	**10**	10	1.83	✓	203083	0.3400
528-10TPK2	446	**12**	12	2.50	✓	201027	0.4096
528-25PK2	446	**1**	12	3.69	✓	266972	0.8313
528-50	446	**10**	10	7.33		201867	1.7053
530-163	476	**100**	100	0.21		265821	0.0740
530-165	476	**100**	100	0.33		206077	0.1300
530-166	476	**100**	100	0.33		201904	0.1520
530-166PK	476	100	100	0.44	✓	201003	0.1520
530-1635	476	100	100	0.52		201881	0.2661
530-3	476	**100**	100	0.17		201911	0.0531
530-3PK	476	**100**	100	0.27	✓	206022	0.0563
530-5	476	**100**	100	0.24		265838	0.1000
530-5PK	476	**100**	100	0.32	✓	206046	0.0958
530-6	476	**100**	100	0.28		201935	0.1115
530-6M	476	**100**	100	0.28		266149	0.1531
530-6PK	476	100	100	0.31	✓	200938	0.1260
533-1	476	25	25	2.66		201942	0.5780
533-2	476	25	25	4.26		201959	0.7682
533-3	476	10	10	4.85		201966	0.8685
535-14	447	25	25	3.01		201973	0.7600
535-26	447	25	25	4.26		201980	1.1040
535-914	447	25	25	2.74		201997	0.5900
535-926	447	25	25	3.93		202000	0.9659
535-9P	447	50	50	0.69		202017	0.0998
536-09	476	**50**	50	0.61		202024	0.2200
536-12	476	**50**	50	0.79		202031	0.2974
536-18	476	**50**	50	1.18		202048	0.4280
536-35	476	**100**	100	0.55		202055	0.2263
536-36	476	**50**	50	0.82		266064	0.3520
536-56E	476	**50**	50	1.64		200006	0.4933
536-58	476	**50**	50	1.75		202062	0.7467
536-612	476	**25**	25	2.35		266071	1.0523
536-616	476	**25**	25	3.61		267177	1.6305
536-68E	476	**50**	50	3.88		200037	0.7153
536-85	476	**50**	50	1.70	✓	206275	0.7518
538-09	476	**50**	50	0.54		202086	0.1940
538-09PK	476	**50**	50	0.59	✓	206220	0.1880
538-12	476	**50**	50	0.66		202093	0.2520
538-18	476	**50**	50	1.02		202109	0.3480
539-18	476	**25**	25	2.39		202116	0.9970
539-518	476	**25**	25	3.73		208088	1.4320
539-6	476	**50**	50	0.82		202123	0.3920
540	472	**20**	200	1.29		202130	0.1378
541-CPK2	472	**20**	20	2.17	✓	263636	0.2014
541-GPK2	472	**20**	20	1.71	✓	263629	0.2114
542-PK2	472	**10**	10	2.36	✓	264015	0.3973
544	471	**20**	20	5.02	✓	264510	1.7400
544-2MD	471	50	50	2.72		268273	0.4234
544-2WD	471	50	50	1.96		268303	0.2479
544-3MD	471	50	50	3.19		268280	0.3813
544-3WD	471	50	50	2.30		268310	0.2206
544-4MD	471	50	50	3.65		268297	0.2233
544-4WD	471	50	50	2.80		268327	0.7441
544-5MD	471	25	25	5.85		201058	0.6658
544-5WD	471	**25**	25	3.65		201041	0.3146
544-6MD	471	**25**	25	6.75		201041	0.5950
549-712	444	**50**	100	2.08		202185	0.1293
549-712PK	444	25	25	2.20	✓	200907	0.1442
549-734	444	**25**	100	2.14		202192	0.1465
549-734PK	444	25	25	2.25	✓	200914	0.1695
549-808	442	**6**	6	5.78		200044	0.4667
549-809	442	**6**	6	6.15		267764	0.5417
549-810	442	**6**	6	6.83		200051	0.6125
549-811	442	**6**	6	7.56		200068	0.7333
550-11	430	**100**	100	0.62		202215	0.0335
550-11E	432	100	100	3.02		266217	0.0621
550-11PK2	430	1	10	3.48	✓	200440	0.1577
550-11PK4	430	**1**	1	37.50	✓	204707	1.6520
550-11Q	430	**100**	100	1.35		202239	0.0379
550-11QPK2	430	1	10	13.75	✓	266194	0.3521
550-12	430	1	1	46.80		202246	2.9321
550-20	431	**50**	50	1.87		200471	0.1102
550-200B	431	1	10	28.00		202284	0.4738
550-200BPK2	431	1	10	6.70	✓	266286	0.1129
550-201	431	**25**	250	0.70		266231	0.0283
550-20E	432	25	25	4.25		266224	0.1688
550-20PK2	431	1	10	2.10	✓	200471	0.1114
550-20Q	431	**50**	50	2.96		202291	0.1252
550-20QPK2	431	1	10	18.72	✓	266170	1.1638
550-22	431	1	1	88.40		202307	5.0089
550-22T	432	1	1	114.40		266316	4.6750
550-2T	432	25	25	2.44		202321	0.1134
550-2T1	432	25	25	3.04		266248	0.1384
550-2TA	432	25	500	0.71		267467	0.1206
550-FP2	456	**25**	25	3.87		266996	0.2800
550-FP2S	456	**25**	25	3.60		267597	0.1962
550-M1	456	**50**	50	0.89		202345	0.0416
550-M2	456	**50**	50	1.00		202352	0.1013
550-M2PK	456	**10**	10	1.70	✓	202352	0.1055
550-M3	456	**25**	25	1.70		202369	0.2300
550-M3LS	456	25	25	1.86		309150	0.2716
550-M3PK	456	**10**	10	2.30	✓	202369	0.2205
550-MP2	456	25	25	3.48		202383	0.2048
550-MP2PK	456	**10**	10	3.54	✓	208545	0.2299

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
550-MP3	456	25	25	3.98		266538	0.2300
550F11	430	**25**	100	3.12		200419	0.0476
550F11E	432	25	100	4.68		266569	0.0862
550F20	431	**25**	25	8.27		200464	0.1643
550F20E	432	25	25	9.72		266576	1.0731
550F22T	432	1	1	433.68		267771	7.0960
550F2T	432	**5**	5	8.79		200488	0.1754
551-2	423	**100**	1000	0.14		202390	0.0131
551-2BK	423	**1**	1	135.26		202406	13.9370
551-2C	423	**100**	1000	0.14		202413	0.0132
551-2CBK	423	**1**	1	135.26		202420	13.9870
551-2PK2	423	20	20	2.03	✓	200549	0.0504
551-2SPK2	423	10	10	4.94	✓	268419	0.3125
551-3	423	**50**	500	0.19		265289	0.0206
551-3BK	423	**1**	1	106.12		202444	12.9670
551-3C	423	**50**	500	0.19		200310	0.0218
551-3CBK	423	**1**	1	106.12		202468	13.7110
551-3PK2	423	20	20	2.44	✓	200587	0.2249
551-3SPK2	423	10	10	6.00	✓	268426	0.4122
551-4	423	**25**	250	0.48		202475	0.0324
551-4BK	423	**1**	1	163.25		202482	11.9860
551-4C	423	**25**	250	0.48		202499	0.0333
551-4CBK	423	**l**	1	163.25		202505	12.1570
551-4PK2	423	20	20	5.35	✓	496775	0.3462
551-P2	423	**100**	1000	0.17		265296	0.0172
551-P2PK3	423	1	10	16.62	✓	200563	1.7452
551-P2S	423	**100**	1000	0.31		265449	0.0186
551-P3	423	**50**	500	0.28		265302	0.0228
551-P3PK3	423	1	10	13.75	✓	200600	1.1886
551-P3S	423	**50**	500	0.42		200624	0.0222
552-A2	424	**50**	500	0.16		267382	0.0234
552-A2PK2	424	10	10	2.65	✓	267665	0.2771
552-A3	424	**50**	500	0.18		267399	0.0273
552-A3PK2	424	10	10	2.86	✓	267672	0.2730
552-B22	424	**50**	500	0.21		267405	0.0332
552-B22PK2	424	10	10	3.33	✓	266484	0.3775
552-B23	424	**50**	500	0.23		267412	0.0344
552-B33	424	**50**	500	0.25		267429	0.0345
552-B33PK2	424	10	10	3.55	✓	266293	0.3796
552-C22	424	**50**	500	0.21		267436	0.0319
552-C22PK2	424	10	10	3.45	✓	266675	0.2970
552-C23	424	**50**	500	0.23		267443	0.0332
552-C33	424	**50**	500	0.25		267450	0.0351
552-C33PK2	424	10	10	3.59	✓	266668	0.3860
553-010B	443	25	100	2.30		253002	0.1710
553-010W	443	25	100	2.30		253019	0.1720
553-014B	443	25	100	2.79		253026	0.2070
553-014BPK	443	1	25	2.84	✓	202840	0.2426
553-014W	443	25	100	2.79		253033	0.2080
553-014WPK	443	1	25	2.84	✓	252845	0.2426
553-026B	443	25	50	4.34		253040	0.3221
553-026W	443	25	50	4.34		253057	0.3231
553-0LB	443	1	100	1.34		253064	0.0659
553-0LW	443	1	100	1.34		253071	0.0659
553-22W	436	**50**	150	1.04		252005	0.0575
553-23W	436	**50**	150	1.16		252012	0.0645
553-2W	436	**50**	50	0.70		252043	0.0341
553-2WPK3	436	1	5	7.65		266828	0.3341
553-33W	436	**50**	150	1.16		252036	0.0655
553-3W	436	**50**	50	0.78		252081	0.0354
553-3WPK3	436	1	5	8.45		266835	0.3471
553-4W	436	**50**	50	0.85		252128	0.0389
553-4WPK3	436	1	5	9.15		266842	0.4721
553-5W	436	**50**	50	0.97		252449	0.0461
553-5WPK3	436	1	5	10.35		266859	0.4034
553-6	441	**50**	50	0.94	✓	252074	0.0777
553-6PK3	441	1	5	10.05	✓	266866	0.7237
553-6W	441	**50**	50	0.85	✓	252166	0.0844
553-6WPK3	441	1	5	9.15	✓	266873	0.8440
553-6WZ	442	**25**	100	1.22		205872	0.0955
553-6WZPK2	442	1	5	6.55		267825	0.4028
553-7	441	**50**	50	1.00	✓	252876	0.1013
553-7PK3	441	1	5	10.65	✓	266880	1.0504
553-7W	441	**50**	50	0.90	✓	252203	0.1028
553-7WPK3	441	1	5	9.65	✓	266897	1.0280
553-7WZ	442	**25**	100	1.27		205889	0.1085
553-7WZPK2	442	1	5	6.82		267832	0.5292
553-8	441	**50**	50	1.11	✓	252098	0.1205
553-830W	441	**50**	50	1.14	✓	252852	0.1447
553-830WPK3	441	1	5	12.05	✓	266903	1.3773
553-8PK3	441	1	5	11.75	✓	266910	1.3159
553-8W	441	**50**	50	1.02	✓	252241	0.1316
553-8WPK3	441	1	5	10.85	✓	266927	1.3160
553-8WZ	442	**25**	100	1.54		205896	0.1367
553-8WZPK2	442	1	5	7.64		267849	0.7614
553-9	441	**25**	25	1.21	✓	252111	0.1626
553-9PK3	441	1	5	12.75	✓	266934	1.6578
553-9W	441	**25**	25	1.14	✓	252289	0.1652
553-9WPK3	441	1	5	12.06	✓	266941	1.5741
553-9WZ	442	**25**	100	1.60		205902	0.1525
553-9WZPK2	442	1	5	7.91		267856	0.8530
554-08	437	**100**	2500	0.07		202802	0.0033
554-100	445	1	20	11.70	✓	203281	1.2054
554-100W	445	1	20	11.65	✓	266514	0.9125
554-10PK2	445	10	10	2.07	✓	203229	0.1505
554-10WPK2	445	**10**	10	2.03	✓	260680	0.1232
554-14	437	**100**	1000	0.15		265456	0.0056
554-14H	437	**100**	1000	0.31		200075	0.0127
554-21	437	**50**	500	0.49		202833	0.0286
554-25	445	1	20	3.45	✓	203243	0.3461
554-25W	445	1	20	3.28	✓	266521	0.2469
554-36	437	**50**	250	0.67		202857	0.0461
554-608	437	**100**	500	0.19		202864	0.0048
554-614	437	**100**	1000	0.29		202871	0.0076
555-1	422	**100**	1000	0.14		265319	0.0071
555-2	422	**100**	1000	0.08		265326	0.0097
555-23	422	**100**	1000	0.13		265357	0.0155
555-23BK	422	**1**	1	105.80		202925	14.0970
555-23PK2	422	10	10	1.66	✓	200921	0.1860
555-23S	422	**100**	1000	0.35		266330	0.0162
555-2BK	422	**1**	1	135.70		202932	15.5867
555-3	422	**100**	1000	0.12		265333	0.0148
555-3BK	422	**1**	1	113.30		202956	15.5870
555-4	422	**50**	500	0.33		265340	0.0236
555-4BK	422	**1**	1	161.80		202994	12.5870
555-45	422	**25**	100	0.50		202970	0.0311
555-45BK	422	**1**	1	170.30		208101	10.7420
555-45S	422	**25**	100	0.73		202987	0.0297
555-623	422	**100**	1000	0.18		203007	0.0135
555-623PK2	422	**10**	10	2.15	✓	267863	0.1660
556-1	421	**100**	1000	0.14		203014	0.0076
556-1BK	421	**1**	1	305.80		208118	26.5739
556-1C	421	**100**	1000	0.14		207005	0.0075
556-1PK2	421	10	10	1.70	✓	200143	0.0923
556-2	421	**100**	1000	0.08		206992	0.0094
556-2BK	421	**1**	1	120.10		203045	15.4470
556-2C	421	**100**	1000	0.08		203052	0.0093
556-2CBK	421	**1**	1	120.10		202918	15.2998
556-2CPK4	421	**1**	1	28.60	✓	266125	2.4997
556-2HSDR	421	**100**	1000	0.73		266804	0.0104
556-2PK2	421	10	10	1.16	✓	200747	0.0046
556-2PK3	421	1	10	7.90	✓	200761	0.9433
556-2S	421	**100**	1000	0.31		203076	0.0117
556-2SPK2	421	10	10	3.47	✓	203076	0.1407
556-3	421	**100**	1000	0.12		206985	0.0145
556-3BK	421	**1**	1	89.70		207012	12.7270
556-3C	421	**100**	1000	0.12		203106	0.0146
556-3CBK	421	**1**	1	89.70		203113	12.7270
556-3CPK4	421	**1**	1	28.00	✓	566133	2.4550
556-3HSDR	421	**100**	1000	0.88		266811	0.0158
556-3PK2	421	10	10	1.55	✓	200785	0.0077
556-3PK3	421	1	10	11.90	✓	200808	1.5199
556-3S	421	**100**	1000	0.35		203120	0.0155
556-3SPK2	421	10	10	3.90	✓	203120	0.1820
556-4	421	**50**	500	0.33		206954	0.0268
556-4BK	421	**1**	1	128.50		203144	11.6551
556-4C	421	**50**	500	0.33		203151	0.0265
556-4CBK	421	**1**	1	128.50		206961	11.5750

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
556-4PK2	421	10	10	3.69	✓	266989	0.2890
556-4PK3	421	1	10	16.70	✓	200822	1.3831
557-2	425	**100**	1000	0.23		206893	0.0089
557-2PK2	425	10	10	1.50	✓	201706	0.0714
557-3	425	**100**	1000	0.24		203199	0.0115
557-3PK2	425	10	10	1.58	✓	201720	0.0814
557-4	425	**50**	500	0.54		203212	0.0156
557-4PK2	425	10	10	3.05	✓	200150	0.0993
557-5	425	**25**	250	1.00		206978	0.0256
557-5PK2	425	10	10	5.35	✓	200167	0.1495
557-6	425	**25**	250	1.12		203236	0.0307
557-6PK2	425	10	10	5.95	✓	200181	0.2035
557-7	425	**25**	250	1.46		202901	0.0428
557-7PK2	425	10	10	7.65	✓	200204	0.2487
557F2	425	**100**	1000	1.30		203250	0.0163
557F3	425	**50**	500	1.56		203267	0.0212
557F4	425	**50**	500	2.13		203274	0.0291
557F5	425	**10**	10	2.96		200716	0.1083
557F6	425	10	10	3.64		200723	0.1083
557F7	425	10	10	4.37		200730	0.1330
558-2	426	**50**	500	0.37		265418	0.0210
558-23	428	**100**	1000	0.24		266606	0.0090
558-23B	428	**100**	1000	0.24		267788	0.0092
558-2PK2	426	10	10	2.22	✓	201522	0.1263
558-3	426	**50**	500	0.39		265425	0.0164
558-3PK2	426	10	10	2.28	✓	201560	0.1033
558-4	426	**25**	250	0.40		265432	0.0163
558-E1	426	**50**	500	0.36		203366	0.0235
558-E2	426	**50**	500	0.27		265388	0.0193
558-E2PK2	426	10	10	1.68	✓	201300	0.1257
558-E3	426	**50**	500	0.28		265395	0.0174
558-E3PK2	426	10	10	1.73	✓	201348	0.1167
558-E4	426	**25**	250	0.38		265401	0.0163
558-E4PK2	426	10	10	2.23	✓	201379	0.0929
558-M2	427	**100**	1000	0.23		265975	0.0072
558-M2C	427	**50**	1000	0.23		266743	0.0073
558-M2G	427	**100**	1000	0.23		266255	0.0083
558-M2H	427	**50**	1000	0.23		266750	0.0073
558-M2PK2	427	10	10	1.42	✓	227027	0.0612
558-M2R	427	**100**	1000	0.28		203410	0.0073
558-M3	427	**100**	1000	0.25		266118	0.0070
558-M3C	427	**50**	1000	0.25		266767	0.0069
558-M3G	427	**100**	1000	0.25		266262	0.0124
558-M3H	427	**50**	1000	0.25		266774	0.0069
558-M3PK2	427	10	10	1.52	✓	227034	0.0525
558-M3R	427	**100**	1000	0.31		203434	0.0070
558-M4	427	**25**	250	0.29		203441	0.0062
558-M4C	427	**50**	1000	0.29		266781	0.0051
558-M4G	427	**25**	250	0.29		266279	0.0068
558-M4H	427	**50**	1000	0.29		266798	0.0051
558-M4PK2	427	10	10	1.72	✓	200228	0.0507
558-M4R	427	**25**	250	0.34		203458	0.0063
558F23	428	**100**	1000	1.30		247490	0.0160
558FM2	427	**10**	100	1.25		203465	0.0151
558FM3	427	**10**	100	1.35		203472	0.0173
558FM4	427	**5**	25	1.46		203489	0.0185
559-2	425	**100**	1000	0.23		265364	0.0105
559-2PK2	425	10	10	1.50	✓	201102	0.0779
559-3	425	**50**	1000	0.24		203311	0.0136
559-3PK2	425	10	10	1.55	✓	201140	0.0914
559-4	425	**50**	500	0.54		200235	0.0191
559-4PK2	425	10	10	3.05	✓	265371	0.1235
559-5	425	**25**	250	0.71		200242	0.0322
559-5PK2	425	10	10	3.90	✓	203540	0.1770
559-6	425	**25**	250	1.11		200280	0.0370
559-6PK2	425	10	10	5.90	✓	203533	0.2146
559-7	425	**25**	250	1.23		200303	0.0484
559-7PK2	425	10	10	6.50	✓	203427	0.2840
559F2	425	**100**	1000	1.30		203571	0.0199
559F3	425	**50**	500	1.56		203403	0.0253
559F4	425	**50**	500	2.96		203397	0.0364
559F5	425	10	10	3.64		200754	0.0746
559F6	425	10	10	3.64		200778	0.0836
559F7	425	10	10	4.37		200792	0.0905

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
570	466	24	24	3.54		203632	0.3040
570-10	466	24	24	6.71		203649	0.4738
570-20	466	24	24	8.11		203656	0.5737
570-22	466	24	24	8.98		203380	0.5697
570-24	466	24	24	9.63		203670	0.5660
570-53	466	**50**	1000	0.96		203373	0.0360
570-58	466	50	50	1.30		203663	0.0630
571	467	24	24	3.12		203700	0.3258
571-10	467	24	24	4.06		203717	0.4332
571-145	467	24	24	7.12		203731	0.7078
571-20	467	24	24	5.93		206916	0.5355
571-22	467	24	24	6.66		203755	0.5315
572	466	24	24	5.29		265869	0.3491
572-20	466	24	24	10.59		203793	0.6133
572-22	466	24	24	11.58		203809	0.6093
572-24	466	24	24	11.86		203816	0.6333
572-53	466	50	250	1.15		208132	0.0369
572-58	466	50	50	1.49		203823	0.0710
574-104	438	50	50	2.98		506641	0.1299
574-72	438	50	50	1.93		506658	0.1081
574-74	438	50	50	2.41		200686	0.0905
574-75	438	50	50	2.61		506665	0.1041
575-100Q	469	1	12	66.56		268365	2.0704
590-10	437	1	10	9.63		503022	1.0693
590-11	437	**10**	50	4.75		316905	0.0430
590-4411	470	1	5	29.74	✓	267931	1.6300
590-4411-3	470	1	5	30.83	✓	200136	1.8940
590-4412	470	1	5	34.34	✓	267948	1.7200
590-4413	470	1	5	30.28	✓	267955	1.5400
590-4413-R	470	1	5	44.62	✓	200358	1.8490
590-4421	470	1	5	35.15	✓	267962	1.9100
590-4421-3	470	1	5	43.80	✓	200129	2.1600
590-4422	470	1	5	47.32	✓	267979	2.1000
590-4423	470	1	5	44.62	✓	267986	2.1000
590-4433	470	1	5	176.30	✓	268020	2.0780
590-4434	470	1	5	176.30	✓	268013	2.0860
590-4435	470	1	5	213.20	✓	268037	2.5080
590-4436	470	1	5	213.20	✓	268044	2.4550
590-44ND1	470	1	12	15.14	✓	267993	0.0904
590-44ND2	470	1	12	15.14	✓	268006	0.1124
590-44ND3	470	1	12	135.20	✓	268051	0.8774
590-44ND4	470	1	12	218.48	✓	268068	1.0274
590-44ND4-BIT	470	1	12	22.98	✓	268075	0.0838
591-06B	437	1	10	2.34		266958	0.3216
591-081	437	1	10	4.99		266309	0.5313
598-010	477	1	1	52.00		200617	14.6450
598-011	477	1	1	52.00		200648	14.3050
598-012	477	1	1	104.00		200679	21.2000
600-203	181	50	500	2.24		400116	0.0768
600-204CV	195	10	10	38.38	✓	440402	1.0406
600-204V	195	10	10	19.19	✓	400406	0.7055
600-206	181	**25**	250	3.40		400147	0.1533
600-206C	181	**25**	25	13.40		400154	0.3650
600-206CPK	181	**10**	10	13.90	✓	440563	0.3741
600-206PK	181	**10**	10	3.90	✓	400567	0.1678
600-212	181	**50**	50	6.41		400161	0.3081
600-212C	181	**25**	25	16.41		400178	0.5201
600-212CPK	181	**10**	10	16.91	✓	440624	0.5205
600-212N	181	25	25	14.41		400185	0.3387
600-212PK	181	**10**	10	6.91	✓	400628	0.3251
600-303	181	25	250	2.98		400192	0.1210
600-304CV	195	10	10	55.80	✓	440426	1.6786
600-304V	195	10	10	27.90	✓	400420	1.1171
600-306	181	**50**	50	4.82		400222	0.2431
600-306C	181	**25**	25	25.82		400239	0.6575
600-306CPK	181	**10**	10	26.32	✓	440761	0.6665
600-306PK	181	**10**	10	5.32	✓	400765	0.2528
600-312	181	**50**	50	9.50		400246	0.4799
600-312C	181	**25**	25	30.50		400253	0.8931
600-312CPK	181	**10**	10	31.00	✓	440822	0.8878
600-312N	181	25	25	17.50		400260	0.5109
600-312PK	181	**10**	10	10.00	✓	400826	0.4951
600-G204CV	195	10	10	42.38	✓	441003	1.0406
600-G204V	195	10	10	23.19	✓	441010	0.7055

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
600-G212CPK	181	**10**	10	21.91	✓	441027	0.5291
600-G304CV	195	10	10	60.80	✓	441034	1.6786
600-G304V	195	10	10	32.90	✓	441041	1.1171
600-G312CPK	181	**10**	10	36.00	✓	441058	0.8878
600QB206	213	6	6	16.06	✓	406224	0.2950
600QB306	213	6	6	19.70	✓	406231	0.4325
600QB406	213	6	6	28.17	✓	406248	0.6083
601-20CV	200	6	6	25.25	✓	402042	0.7153
601-20CVPK	201	5	5	29.97	✓	407467	1.0610
601-20V	200	6	6	22.56	✓	402004	0.5475
601-21CV	200	6	6	28.25	✓	402349	0.6650
601-21V	200	6	6	24.06	✓	402301	0.5901
601-22	200	**10**	10	5.95	✓	402264	0.1060
601-22CVM	200	6	6	29.25	✓	402202	0.7275
601-22CVX	200	6	6	27.25	✓	402127	0.7092
601-22VM	200	6	6	24.56	✓	402165	0.6115
601-22VX	200	6	6	23.56	✓	402080	0.5955
601-30CV	200	6	6	33.25	✓	402066	0.8233
601-30CVPK	201	5	5	32.07	✓	407474	1.2370
601-30V	200	6	6	26.06	✓	402028	0.7355
601-31CV	200	6	6	34.25	✓	402363	0.8763
601-31V	200	6	6	27.06	✓	402325	0.5367
601-32	200	**10**	10	9.95	✓	402288	0.1414
601-32CVM	200	6	6	33.25	✓	402226	0.8965
601-32CVX	200	6	6	34.25	✓	402141	0.8818
601-32VM	200	6	6	23.56	✓	402189	0.5508
601-32VX	200	6	6	24.56	✓	402103	0.7155
602-22MPK1	183	1	25	3.46	✓	420541	0.1364
603Q2	216	1	15	1.99		407917	0.0300
603Q3	216	1	15	3.19		407924	0.0433
603Q4	216	1	15	3.98		407931	0.0500
603Q5	216	1	20	11.80		408020	0.0825
603Q6	216	1	20	12.59		407986	0.1175
603Q7	216	1	20	13.99		407993	0.1396
605QB2	213	12	12	6.93	✓	406378	0.0888
605QB3	213	6	6	8.67	✓	406385	0.2258
605QB4	213	6	6	18.89	✓	406392	0.2267
608-D288E	184	25	25	17.00		400284	0.5812
608-L2138	183	50	50	9.68		400574	0.4614
608-L2187	183	50	50	11.86		400581	0.5506
608-L2277	183	50	50	16.95		400598	0.7503
608-L2308	190	25	25	19.17		400604	0.8608
608-L2308E	190	25	25	19.92		400611	0.9161
608-L2308EX	190	25	25	25.92		400307	1.0708
608-L2308EY	190	25	25	25.42		400635	1.0063
608-L2308X	190	25	25	25.17		400642	0.9314
608-L2308Y	190	25	25	24.67		400659	0.9125
608-L2337	183	50	50	19.68		400666	0.9135
608-L246	183	50	50	4.35		400673	0.2028
608-L246PK	183	**50**	50	4.85	✓	457103	0.2153
608-L248	183	50	50	5.11		400680	0.2426
608-L2488	190	25	25	26.47		400697	1.3304
608-L2488E	190	25	25	27.22		400703	1.4499
608-L248PK	183	**50**	50	5.61	✓	457202	0.2525
608-L2508	190	25	25	27.90		400710	1.3770
608-L2508E	190	25	25	28.65		400727	1.4965
608-L2508EX	190	25	25	34.65		400734	1.7785
608-L2508EY	190	25	25	34.15		400741	1.8823
608-L2508X	190	25	25	33.90		403506	1.6590
608-L2508Y	190	25	25	33.40		400758	1.4287
608-L2612	183	50	50	8.39		400314	0.3975
608-L263A	190	**50**	50	4.39		401243	0.1772
608-L2812	183	50	50	9.28		400789	0.4415
608-L348	183	50	50	10.09		400796	0.4315
608-L3612	183	50	50	16.19		400802	0.6606
608-L3812	183	50	50	17.83		400819	0.7202
608-L4612	183	25	25	24.61		400291	0.9742
608-L4812	183	25	25	27.21		400833	1.0461
609-D288E	184	25	25	17.72		400840	0.5812
609-L2138	184	50	50	9.93		400857	0.4620
609-L246	184	50	50	4.60		400864	0.2069
609-L246E	184	25	25	5.35		400871	0.2985
609-L246EPK	184	**25**	25	5.85	✓	409171	0.3183
609-L248	184	50	50	5.36		400888	0.2426
609-L248E	184	25	25	6.11		400895	0.3000
609-L248EPK	184	**25**	25	6.61	✓	409195	0.3000
609-L248PK	184	**50**	50	5.86	✓	409249	0.2525
609-L2612	184	50	50	9.53		400901	0.3962
609-L263A	190	50	50	4.64		400918	0.1932
609-L263X	190	50	50	10.64		400925	0.2638
609-L263Y	190	50	50	10.14		400932	0.2449
609-L27	190	50	50	7.52		400949	0.2152
609-L2812	184	50	50	9.53		400956	0.4409
609-L3248	184	50	50	5.81		400963	0.2607
609-L348	184	50	50	10.34		400970	0.4338
609-L3612	184	50	50	16.44		400987	0.6606
609-L3812	184	50	50	18.08		400994	0.7202
609-L4612	184	25	25	24.86		401007	0.9674
609-L4812	184	25	25	27.71		401014	1.0461
612-108	185	25	25	9.59		401021	0.4588
612-2	463	**50**	500	1.56		203892	0.0295
612-2PK2	463	10	10	8.16	✓	465221	0.1700
612-3	463	**25**	250	1.64		465238	0.0371
612-3PK2	463	10	10	9.78	✓	266101	0.2077
612-4	463	**25**	250	1.91		465429	0.0251
612-557	185	25	25	9.45		401038	0.4011
612-57	185	25	25	6.45		464101	0.3168
612-87	185	25	25	7.49		401045	0.3904
613-107	185	50	50	7.78		401069	0.3720
613-137	185	50	50	9.36		401076	0.4388
613-139	185	50	50	10.47		401083	0.4833
613-57	185	50	50	5.45		401090	0.2576
613-57E	185	25	25	6.20		401106	0.3168
613-57M	185	50	50	8.20		401113	0.3238
613-57PK	185	**20**	20	5.95	✓	401052	0.2680
613-57X	185	50	50	10.45		401120	0.3300
613-57Y	185	50	50	9.95		401137	0.3111
613-67	185	50	50	5.86		401144	0.2794
613-67F	185	50	50	8.86		498397	0.3716
613-67M	185	50	50	8.61		401151	0.3496
613-67X	185	50	50	10.86		401168	0.3600
613-67Y	185	50	50	10.36		401175	0.3411
613-87	185	50	50	6.49		401182	0.3252
613-87E	185	25	25	7.24		401199	0.4003
613-87M	185	50	50	9.24		401205	0.3896
613-87X	185	50	50	11.49		401212	0.3987
613-87Y	185	50	50	10.99		401229	0.3869
613-887L	186	25	25	11.90		403537	0.5148
613-887R	186	25	25	11.90		403544	0.5148
614-2	182	**50**	500	1.62		401526	0.0338
614-22C	182	**25**	250	6.42		401588	0.1328
614-22CPK2	182	**20**	20	6.67	✓	404367	0.1345
614-3	182	**50**	500	2.33		401250	0.0395
614-4	182	**25**	250	4.87		401267	0.0604
614-6M	188	50	50	4.84		401274	0.1687
614-6MPK	188	**50**	50	5.34	✓	456502	0.1883
614-8L	188	50	50	6.22		401281	0.2481
615-213	180	**10**	100	10.50		401298	0.2925
615-214	180	**10**	100	11.50		401304	0.4896
615-233	180	**10**	100	12.50		401311	0.3090
615-234	180	**10**	100	12.00		401328	0.4942
615-313	180	10	100	21.50		495112	0.3958
615-333	180	10	100	20.50		495129	0.4619
615-C215	157	**10**	10	15.50		499295	0.3140
615-C2113	157	25	25	21.50		495358	0.5660
616-15	191	25	25	4.21		401359	0.1567
616-2	180	50	50	10.29		401366	0.4169
616-2E	180	50	50	4.77		401373	0.2127
616-2EPK2	180	**20**	20	5.02	✓	400444	0.2056
616-2PK2	180	**10**	10	10.54	✓	401625	0.4397
616-630	190	50	50	20.45		401380	0.8633
616-630X	190	50	50	25.45		401397	0.9339
616-630Y	190	50	50	24.95		401403	0.9150
616-648	190	12	12	24.40		401410	1.2057
616-650	190	25	25	29.96		401427	1.3640
616-650X	190	25	25	34.96		401434	1.6700
616-650Y	190	25	25	34.46		401441	1.6511
616-C2	156	**50**	50	13.29		401458	0.4776

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Numerical Index

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
616-C2PK	156	**10**	10	13.79	✓	492968	0.4999
616-CG2E3	156	50	50	6.17		412355	0.1619
616X1PX	43	50	50	13.58		482976	0.4455
616X2PX	43	**50**	50	12.29		482969	0.4435
616X2PXPK2	43	**20**	20	12.54	✓	482945	0.4370
622-L06	187	100	100	2.70		401489	0.1331
622-L06PK	187	**100**	100	3.20	✓	400079	0.1394
622-L08	187	100	100	3.47		401496	0.1767
622-L08N	187	25	25	11.47		401519	0.1984
622-L08PK	187	**100**	100	3.97	✓	400093	0.1830
622-L08W	188	100	100	6.94		401236	0.1903
622-L09CF	180	25	25	11.88		401533	0.2856
622-L10	187	100	100	4.38		401540	0.2203
622-L12	187	100	100	5.20		401557	0.2653
622-L15	187	100	100	6.42		401564	0.3287
622-L18	187	100	100	7.59		401571	0.3980
622-L24	187	50	50	10.72		401595	0.5347
622-L24E	187	20	20	11.47		401601	0.6053
622-M06	187	100	100	2.09		495259	0.0983
622-M06PK	187	**20**	20	2.59	✓	400062	0.1075
622-M08	187	100	100	2.73		401465	0.1304
622-M08PK2	187	**10**	10	2.98	✓	400086	0.1526
622-M10	187	100	100	3.38		400109	0.1625
622-M12	187	100	100	4.00		401656	0.1946
622-M12PK2	187	**10**	10	4.25	✓	400123	0.2157
622-M15	187	100	100	5.22		401649	0.2422
622-M18	187	100	100	6.09		401687	0.2943
622-M24	187	50	50	8.72		401694	0.3956
623-L06	187	50	50	5.54		401700	0.2203
623-L08	187	50	50	7.11		401717	0.2956
623-L12	187	50	50	10.66		401724	0.4503
623-L15	187	50	50	13.16		401748	0.5682
623-L18	187	50	50	15.56		401755	0.6636
623-L24	187	50	50	21.98		401762	0.9494
624-L08	187	30	30	11.11		401809	0.4306
624-L12	187	30	30	14.66		401823	0.6557
624-L12D	188	30	30	16.16		401830	0.6557
624-L15	187	30	30	18.16		401847	0.8271
624-L18	187	30	30	20.56		401854	0.9676
624-L18D	188	30	30	22.06		401861	0.9676
624-L24	187	30	30	28.48		401878	1.3824
624-L24D	188	30	30	29.98		401885	1.3824
629-06	189	100	100	6.12		401908	0.2382
629-12	189	50	50	10.71		401915	0.4639
629-L15	189	50	50	13.77		401922	0.2758
629-M	189	50	50	12.27		401939	0.3612
629-WCL	189	50	50	17.07		401946	0.7740
629-WCMPK	189	**50**	50	13.07	✓	456403	0.5490
630-C2412	160	50	50	9.28		401960	0.3620
630-C248	160	**50**	50	6.25		401977	0.2686
630-C248E	160	25	25	7.00		401984	0.3359
630-C248PK	160	**10**	10	6.75	✓	490735	0.2937
630-C287	160	50	50	9.28		401991	0.3454
630-C348	160	50	50	13.43		401618	0.7196
630-C3612	160	25	25	20.88		406026	0.7036
630-C41110	160	25	25	32.35		400338	1.1968
630-C41110E	160	10	10	33.35		407481	1.2150
630A248E	134	25	25	11.72		486639	0.3455
630A261186	134	25	25	10.04		432186	0.3395
630A266687	134	5	40	19.44		432179	0.6732
630A348E	134	25	25	21.82		486622	0.6857
630V248E	93	25	25	9.77		495181	0.3552
630WG2138	109	50	50	13.56		406712	0.4810
630WG248	109	50	50	8.29		404633	0.3100
630WG248E	110	25	25	9.16		404640	0.3378
630WG2813	109	50	50	13.56		411143	0.5112
630WG348	109	25	25	19.11		404657	0.5698
630WG348E	110	25	25	20.27		404664	0.6224
630WG4612	109	25	25	33.37		406705	1.1985
630WG4612E	110	10	10	34.53		406699	1.2885
630WGD288E	110	25	25	21.74		406682	0.6452
630X146	50	50	50	4.70		402035	0.2014
630X148	50	50	50	5.25		400345	0.2426
630X148E	51	25	25	6.00		400369	0.3045
630X2138	50	50	50	11.43		403445	0.4601
630X2412	50	50	50	7.88		400376	0.3398
630X2412E	51	**25**	25	8.63		441706	0.3843
630X246	50	**50**	50	4.22		403438	0.2014
630X246E	51	25	25	4.97		402097	0.2606
630X246PK	50	**20**	20	4.72	✓	480927	0.2139
630X248	50	**50**	50	4.85		402110	0.2426
630X248E	51	**25**	25	5.60		495266	0.3018
630X248EPK	51	**20**	20	6.10	✓	480965	0.3243
630X248N	50	25	25	12.85		403421	0.2686
630X248PK	50	**6**	6	5.35	✓	480941	0.2504
630X3136	50	50	50	15.77		402134	0.6660
630X3412	50	50	50	15.76		400352	0.5745
630X348	50	50	50	10.50		402158	0.4338
630X348E	51	25	25	11.25		403339	0.4942
630X4612	50	25	25	26.28		410184	0.8818
630X4612E	51	10	10	27.03		441690	0.9531
630X468	50	25	25	19.95		410177	0.6376
630X468E	51	10	10	20.70		441713	0.7650
630XD288	50	25	25	19.39		487117	0.5537
631-33F	195	25	25	11.00		403315	0.2633
631-C307	161	25	25	17.13		402196	0.4578
631-C307FRV	161	10	10	121.83		413154	1.8550
631-CG307FP	161	10	10	46.84		411389	1.2050
631-G305FP	195	25	25	40.57		413338	0.0276
631A02FP	136	25	25	38.49		403988	1.1520
631VG02FP	94	12	12	46.09		411754	1.1338
631W02	112	25	25	8.75		411303	0.3325
631WG02FP	113	12	12	43.46		411785	1.0600
631X02	54	25	25	13.50		402257	0.3167
631X06	54	25	25	17.50		402271	0.4034
631XG02FP	54	12	12	32.79		403216	1.0586
631XM	54	25	25	12.50		403308	0.4120
631XS	54	50	50	12.50		402318	0.3262
632-C263	161	**50**	50	4.69		402332	0.1892
632-C263PK	161	**10**	10	5.19	✓	491466	0.2015
632-C263X	161	50	50	9.69		403278	0.2748
632-C263XPK	161	**10**	10	10.19	✓	499936	0.2940
632-C263Y	161	50	50	9.19		402356	0.2581
632-C263YPK	161	**10**	10	9.69	✓	499943	0.2751
632-C283	161	**50**	50	5.45		402530	0.2480
632-C283PK	161	**10**	10	5.95	✓	491480	0.2732
632-C2123	161	50	50	8.74		403261	0.3415
632A260537	133	50	300	4.71		432056	0.1327
632A260557	133	35	35	7.70		432063	0.3964
632A260757	133	25	150	7.40		432025	0.2400
632A260767	133	20	120	12.32		432032	0.3617
632A260817	133	25	150	9.28		432049	0.2792
632A261196	135	50	50	9.14		414434	0.2700
632A263X	135	50	50	14.00		402851	0.3521
632A263Y	135	50	50	12.71		402875	0.3336
632AG222	132	50	300	16.98		414335	0.1300
632AG225	132	25	150	18.32		414373	0.2400
632AG235	132	35	35	17.00		414359	0.3900
632AG332	132	25	150	20.86		414410	0.2700
632AG335	132	20	120	27.52		414397	0.3600
632QB222F	214	**6**	6	8.03	✓	406262	0.1875
632QB222M	214	**6**	6	7.90	✓	406255	0.1917
632QB444M	214	6	6	19.40	✓	411112	0.5212
632V273	94	50	50	8.03		495389	0.2502
632V273X	94	50	50	13.03		495365	0.3215
632V273Y	94	50	50	12.53		495396	0.3026
632W273X	112	50	50	13.03		402387	0.3314
632WG222M	108	**50**	50	9.00		409416	0.2512
632WG263	112	50	50	7.77		406743	0.2513
632WG263Y	112	50	50	10.61		406736	0.2902
632WG332	108	**25**	25	7.75		409423	0.2350
632WG335	109	**25**	25	7.75		409430	0.1630
632X117	46	50	50	7.75		402394	0.1182
632X121M	44	50	50	6.98		403643	0.1049
632X122	46	**100**	500	2.24		402400	0.0924
632X125	46	**100**	1000	2.24		402417	0.0492
632X125PK2	46	**10**	10	4.78	✓	487308	0.1206
632X143	53	50	50	3.82		402424	0.1366

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
632X217	46	50	50	7.60		402431	0.1192
632X221M	44	**50**	50	6.82		403650	0.1059
632X221MPK2	44	**10**	10	7.07	✓	487612	0.1873
632X222	46	**100**	1000	2.00		402448	0.0460
632X222M	44	**50**	50	5.97		487667	0.1152
632X222MPK2	44	**10**	10	6.22	✓	487643	0.1491
632X222PK2	46	**10**	10	4.30	✓	487346	0.1543
632X225	46	**100**	1000	2.00		402462	0.0502
632X225PK2	46	**10**	10	4.30	✓	487384	0.1200
632X232	46	**50**	250	4.03		402479	0.1049
632X232MPK2	44	**10**	10	10.55	✓	487650	0.3854
632X235	46	**25**	250	4.22		499646	0.1112
632X243	53	**50**	50	3.03		402486	0.1291
632X243PK	53	**20**	20	3.53	✓	481467	0.1564
632X263	53	50	50	3.64		402493	0.1877
632X263X	53	50	50	8.64		402509	0.2583
632X263Y	53	50	50	8.14		402516	0.2394
632X283	53	50	50	4.67		482419	0.2196
632X332	46	**25**	250	3.00		402523	0.1011
632X332M	44	50	50	7.80		487780	0.1950
632X335	46	**25**	250	3.00		402547	0.1090
632X335PK2	46	**10**	10	6.30	✓	487506	0.2300
632X3412	53	50	50	14.77		402554	0.5745
632X364	53	50	50	8.60		402561	0.3369
632X4512	53	**25**	25	22.95		431011	0.8104
632X458	53	**25**	25	19.22		499820	0.6376
632XB222M	44	**50**	50	7.57		441898	0.2610
632XB332M	44	**50**	50	11.59		441904	0.3834
632XG222M	44	50	50	10.17		404497	0.2519
632XG332M	44	50	50	13.78		404510	0.3986
632XP222M	90	25	250	1.52		408112	0.0212
632XP232M	90	25	250	1.70		408099	0.0290
632XP332M	90	25	250	1.88		408075	0.0359
633-212	197	10	10	9.95		402578	0.4170
633-212FP	197	10	10	24.75		402585	0.7643
633-306FP	196	**10**	10	27.03		403230	0.9745
633-312	197	25	25	14.94		402592	0.5587
633-312C	197	25	25	29.46		402608	0.8011
633-312CFP	197	25	25	47.89		402615	1.4416
633-318	196	**10**	10	17.23		402455	0.7842
633-318FP	196	**10**	10	38.75		403223	1.4136
633-318FPT	197	20	20	48.84		499493	1.7624
633-4312	197	25	25	22.34		402653	0.6746
633-4312FP	197	25	25	41.14		402660	0.8153
633-716	197	**10**	10	21.71		409010	1.1600
633-7416	197	**10**	10	26.67		201584	0.3400
633-C02	155	**50**	50	10.94		402691	0.1983
633-C02PK	155	**10**	10	11.44	✓	493101	0.2112
633-C06FP	162	**10**	10	33.18		403865	1.0836
633-C09	162	25	25	14.31		402707	0.4413
633-C18	162	**25**	25	20.34		402721	0.7803
633-C18FPM3	162	15	15	56.22		402745	1.8555
633-C18FPPK	162	**10**	10	40.65	✓	407450	1.4462
633-C18FRV	162	**10**	10	118.92		495716	2.2124
633-C18M3	162	25	25	34.73		402769	1.1002
633-C18PK	162	**10**	10	20.84	✓	494467	0.8886
633-C24	162	25	25	26.41		402776	0.9744
633-C418	162	25	25	29.13		402806	0.8962
633-C418FRV	162	**10**	10	122.91		495709	2.3486
633-C424	162	25	25	35.74		402837	1.1879
633-C424FP	162	25	25	52.04		402844	1.8552
633-C4403	155	20	20	20.73		402868	0.4033
633-CG09FP	162	10	10	49.62		411396	1.0310
633-CG18FP	162	10	10	53.89		411419	1.3820
633-CG18FPT	162	10	10	73.92		411426	1.6310
633-CG24FP	162	10	10	48.92		411433	1.5580
633-CG418FP	162	10	10	51.16		411440	1.6960
633-G312FP	197	10	10	42.82		411709	1.2535
633-G3TM11	198	25	25	30.41		411464	0.6906
633-G3TM15	198	25	25	32.39		411518	0.8714
633-G4TM11	198	25	25	26.89		412812	0.8213
633-G4TM15	198	25	25	37.69		411877	1.1371
633-G716FP	197	10	10	47.96		412850	1.7900
633-G7416FP	197	10	10	54.05		412843	2.0000

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
633A18	136	25	25	28.68		404084	0.9530
633A18FP	136	25	25	42.88		404077	1.5100
633A260587	136	30	180	14.07		431691	0.2451
633A306FP	136	**10**	10	34.25		403810	1.2253
633VG18	94	10	10	25.28		411846	0.7756
633VG18FP	94	10	10	51.83		411815	1.5446
633W18FP	113	10	10	36.00		412539	1.6020
633W18FPT	113	20	20	52.43		407313	1.6125
633W306FP	112	10	10	28.41		403858	1.0066
633WG18	113	25	25	23.63		406750	0.8503
633WG18FP	113	10	10	49.20		411839	1.6300
633X02	55	**25**	25	6.28		495433	0.1599
633X02PK	55	6	6	6.78	✓	484147	0.1945
633X18	55	**25**	25	19.71		402882	0.7534
633X18FP	55	25	25	38.69		402899	1.4981
633X18FPT	55	20	20	56.91		402905	1.7268
633X18FRV	55	**10**	10	118.20		499240	2.1640
633X18PK	55	25	25	20.21	✓	484468	0.7461
633X306FP	55	**10**	10	29.74		403797	1.0254
633X418	55	25	25	25.49		402912	0.8662
633X418FP	55	25	25	46.49		402929	1.5282
633XB02	55	**25**	25	7.12		441911	0.1900
633XG18FP	55	**10**	10	47.41		412867	1.5219
634-112	198	**12**	12	13.87		400413	0.4367
634-112PK1	198	**12**	12	14.37	✓	409034	0.4317
634-112PK5	198	**5**	5	14.62	✓	409034	0.4700
634-115	198	**12**	12	15.46		402936	0.5075
634-115PK1	198	**12**	12	15.96	✓	409072	0.5075
634-118	198	**12**	12	17.15		402943	0.6010
634-118PK1	198	**12**	12	17.65	✓	409096	0.5929
634-118PK5	198	**5**	5	17.90	✓	409096	0.6317
634-124	198	**12**	12	19.65		400437	0.8067
634-124PK1	198	**12**	12	20.15	✓	409119	0.8296
634-124PK5	198	**5**	5	20.40	✓	409119	0.8296
634-315	198	**12**	12	16.56		402974	0.4560
634-318	198	**12**	12	18.53		402981	0.5400
634-324	198	**12**	12	22.45	✓	408983	0.6640
634-C118	162	25	25	27.03		402998	0.6223
634-C118FP	162	25	25	41.72		403001	1.3893
634-CG118FP	162	25	25	43.79		407887	1.1600
634A418	136	25	25	29.64		404091	0.7469
634A418FP	136	25	25	44.23		404121	1.3500
634VG418	95	25	25	27.82		414281	0.5993
634VG418FP	95	25	25	52.87		413680	1.2334
634WG418	114	25	25	28.32		406767	0.6443
634WG418FP	114	25	25	41.23		407894	1.1680
634X418	56	10	10	21.55		403018	0.5554
634X418FP	56	**10**	10	38.22		405906	1.2846
634XG418FP	56	**25**	25	40.52		407900	1.1060
635-32	199	25	25	3.95		403032	0.1607
635-33	199	25	25	4.37		403049	0.2367
635-36	199	25	25	7.11		405913	0.5239
635-43	199	25	25	7.86		403063	0.3699
636-31305F	204	10	10	74.20	✓	403070	2.4917
636-31308FK	204	10	10	144.47	✓	403087	3.1317
636-3L10888	199	**10**	10	42.00		403094	1.8560
636-3TR	199	25	25	18.34		403117	0.6752
636-4L10888	199	10	10	56.63		403124	2.1600
636-C1307F2	170	10	10	116.42	✓	403131	3.7121
636-C1310FK2	170	10	10	170.63	✓	403148	4.3521
636-L3888	199	25	25	20.55		403155	0.8430
636X38883	57	**12**	12	42.37		403162	1.5937
636X3FPL	57	**12**	12	52.35		403179	2.0671
636X48884	57	**12**	12	57.76		403193	2.0071
637-B23H	183	**5**	50	5.96		409003	0.1431
637-C20	155	**25**	25	7.56		403209	0.1108
637-C20PK2	155	**10**	10	7.81	✓	493088	0.1331
637A260097	134	0	1	6.53		432148	0.1560
637AG20	133	50	50	13.19		432148	0.1500
637X10	48	**50**	50	1.80		481535	0.0440
637X10PK2	48	**10**	10	3.90	✓	481511	0.1116
637X15	48	**50**	500	3.21		481573	0.0585
637X20	48	**50**	500	1.47		481542	0.0405
637X20C	48	**50**	500	1.17		403247	0.0265

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Numerical Index

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
637X20PK2	48	**10**	10	3.24	✓	481528	0.1069
637X235	45	50	50	8.01		403254	0.1816
637X25	48	**50**	50	2.63		481580	0.0606
637X335	45	**25**	25	7.47		487902	0.1868
637X335PK2	45	**10**	10	7.72	✓	498816	0.1969
637X410	47	**50**	500	2.62		403285	0.0531
637X413	47	**50**	50	4.92		403292	0.0966
637X420	47	**50**	50	2.43		481641	0.0567
637X423	47	**50**	50	5.65		481689	0.0986
637X423PK	47	**10**	10	6.15	✓	401663	0.1209
637X711	49	50	50	7.54		403377	0.0964
637X721	49	50	50	7.54		405920	0.0963
637X920	61	**25**	250	11.11		403346	0.0935
637X920PK2	61	**10**	10	11.36	✓	485403	0.1158
637X9220	61	**25**	250	14.68		485427	0.1238
637X9220PK2	61	**10**	10	14.93	✓	401632	0.1238
637XB10	49	**50**	50	2.48		441928	0.0613
637XB20	49	**25**	25	2.96		441935	0.0666
637XB23H	45	**5**	50	6.55		408990	0.1292
637XB25	49	**50**	50	3.87		441942	0.0866
637XP20	91	**50**	500	1.23		432155	0.0264
637XP25	91	**50**	500	1.92		432476	0.0540
637XP30	91	**10**	100	2.28		432483	0.0720
638A266577	135	100	100	11.60		432209	0.2935
638WG208	111	50	50	8.57		411150	0.2435
638WG212E	111	50	50	13.86		406774	0.3677
638WG215	111	50	50	16.08		411167	0.3968
638X208	52	**100**	100	3.89		403360	0.1767
638X208PK	52	**20**	20	4.39	✓	481306	0.1906
638X212	52	100	100	5.43		481320	0.2613
638X212E	52	**50**	50	6.67		499837	0.3187
638X312	52	50	50	10.81		403384	0.4503
638XT263	51	25	25	8.88		403391	0.2335
638XT283	51	25	25	9.90		403407	0.2725
640A235267	128	20	120	21.85		431271	0.3195
640A260087	128	100	600	2.20		431240	0.0648
640A260397	128	60	360	2.95		431257	0.1102
640A260497	128	30	180	7.26		431264	0.1928
640AG2	127	100	100	2.51		414458	0.0600
640AG3	127	60	60	4.13		414472	0.1100
640AG4	127	30	30	10.33		414496	0.1900
640W02	105	**100**	1000	2.35		408440	0.0448
640W03	105	**100**	100	4.05		408457	0.0950
640X05	86	10	100	24.94		499608	0.1387
640X06	86	10	50	30.86		499592	0.2217
640XB01	37	**100**	1000	1.11		482624	0.0174
640XB01PK2	37	**20**	20	2.52	✓	482600	0.0474
640XB02	37	**100**	1000	0.99		482662	0.0233
640XB02PK2	37	**20**	20	2.28	✓	482648	0.0593
640XB03	37	**100**	1000	1.63		482709	0.0465
640XB03PK2	37	**20**	20	3.56	✓	482686	0.0934
640XB04	37	**25**	250	2.76		482716	0.0816
640XB04PK1	37	**6**	6	3.01	✓	420374	0.0779
640XB04PK2	37	**20**	20	5.82	✓	482693	0.1766
640XG01	37	**100**	1000	2.69		404626	0.0162
640XG02	37	**100**	1000	1.37		408648	0.0228
640XG03	37	**100**	1000	2.24		408655	0.0465
640XG04	37	**25**	250	3.32		408662	0.0764
640XP12	90	**100**	1000	0.57		403452	0.0047
640XP13	90	**100**	1000	0.95		403469	0.0088
640XP14	90	**25**	250	1.37		498908	0.0169
641-222	220	**50**	500	4.53		403476	0.0536
641-222X	59	**50**	50	5.83		403483	0.1504
641-222XPK2	59	**10**	10	6.08	✓	486684	0.1653
641-332	220	**20**	200	6.21		403490	0.0957
641-332X	59	50	50	7.21		486721	0.2378
641-333	220	20	200	6.85		403513	0.1094
641-333X	59	**50**	50	7.05		403520	0.2573
641-333XPK2	59	**10**	10	7.30	✓	486738	0.2716
641A235607	126	5	30	42.01		431714	1.1147
641A235617	126	5	30	57.67		431721	1.0050
641A235627	126	5	30	80.18		431738	0.7180
641A235637	126	5	30	46.70		431745	1.0487
641A235657	126	5	30	46.72		431752	0.9190
641A235677	126	5	30	80.94		431769	0.8442
641A235807	126	2	12	74.96		431776	1.8742
641A235817	126	2	12	83.01		431783	1.6667
641A235827	126	2	12	83.01		431790	1.4200
641A235837	126	2	12	73.94		431806	1.7463
641A235847	126	2	12	82.67		431813	1.6442
641A235857	126	2	12	77.64		431820	1.4892
641A235867	126	2	12	82.94		431837	1.3454
641A235877	126	2	12	82.67		431844	1.2658
641A235887	126	2	12	88.98		431851	1.2213
641A236007	126	1	6	109.40		431868	3.3633
641A236017	126	1	6	114.26		431875	2.8568
641A236027	126	1	6	113.60		431882	2.6142
641A236037	126	1	6	112.91		431899	2.2597
641A236047	126	1	6	113.60		431905	3.0942
641A236057	126	1	6	112.91		431912	2.9523
641A236067	126	1	6	106.88		431929	2.6200
641A236077	126	1	6	114.26		431936	2.2942
641A236087	126	1	6	112.91		431943	2.1242
641A236097	126	1	6	113.60		431950	2.2058
641A260607	126	25	150	8.55		431578	0.2493
641A260617	126	15	90	10.38		431585	0.4200
641A260627	126	20	120	9.84		431592	0.3583
641A260637	126	20	120	7.23		431608	0.3050
641A260647	126	15	90	7.99		431615	0.3667
641A260687	126	10	60	14.65		431622	0.6900
641A260697	126	10	60	12.80		431639	0.5000
641A260707	126	10	60	14.85		431646	0.7000
641A260727	126	10	60	17.05		431653	0.5000
641A260857	126	20	120	11.90		431660	0.3133
641A260897	126	10	60	17.74		431677	0.5533
641A260977	126	8	48	14.34		431684	0.7500
641AG222	125	25	150	14.78		414465	0.2400
641AG223	125	20	120	19.25		414588	0.3100
641AG322	125	20	120	16.95		414526	0.3000
641AG323	125	15	90	21.49		414540	0.3600
641AG332	125	20	120	17.56		414502	0.3500
641AG333	125	15	90	17.85		414489	0.4200
641AG334	125	10	60	26.95		414595	0.5500
641AG433	125	10	60	36.08		414557	0.5000
641AG442	125	10	60	33.95		414571	0.5000
641AG443	125	10	60	33.89		414564	0.7000
641AG444	125	8	48	33.35		414601	0.7500
641AG544	125	5	30	81.10		414366	0.9100
641AG553	125	5	30	116.87		414342	0.7100
641AG554	125	5	30	101.15		414533	1.0000
641AG555	125	5	30	58.85		414519	1.1342
641AG664	125	2	12	101.58		414403	1.4200
641AG666	125	2	12	115.00		414380	1.8700
641AG774	125	1	6	131.10		414441	2.2500
641AG777	125	1	6	129.95		414427	3.3600
641QB222	212	12	12	11.80	✓	406279	0.2241
641QB322	212	12	12	13.95	✓	406286	0.2838
641QB323	212	6	6	14.60	✓	406293	0.3558
641QB332	212	6	6	13.96	✓	406309	0.3442
641QB333	212	6	6	16.54	✓	406316	0.3942
641QB334	212	6	6	20.49	✓	411129	0.5417
641QB424	212	6	6	23.18	✓	411136	0.6167
641QB443	212	6	6	25.15	✓	406323	0.5408
641QB444	212	6	6	24.63	✓	406330	0.3250
641W222	104	**50**	500	5.05		408464	0.0684
641W332	104	**20**	200	8.20		408471	0.2961
641W333	104	**20**	200	9.65		408488	0.2925
641WG222	103	**50**	50	8.75		409447	0.1360
641WG223	103	**20**	20	10.00		409454	0.2534
641WG322	103	**20**	20	10.00		409461	0.2751
641WG323	103	**20**	20	11.25		409478	0.2767
641WG332	103	**20**	20	13.25		409485	0.2913
641WG333	103	**20**	20	14.50		409492	0.2888
641WG334	103	20	20	29.00		409508	0.4498
641WG433	103	20	20	26.00		409515	0.4630
641WG442	103	20	20	26.25		409522	0.4740
641WG443	103	20	20	27.25		409546	0.4870
641WG444	103	20	20	26.00		409553	0.5035

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
641X544	85	10	50	29.66		495174	0.3498
641X552	85	10	50	26.87		499585	0.3603
641X553	85	10	50	29.36		499578	0.3627
641X554	85	10	50	29.71		499332	0.3472
641X555	85	5	50	27.25		498632	0.3397
641XB111	35	**50**	500	2.86		486165	0.0671
641XB111PK2	35	**20**	20	3.11	✓	486141	0.0807
641XB222	35	**50**	500	1.85		486202	0.0650
641XB222PK2	35	**20**	20	2.10	✓	486189	0.0784
641XB223	35	**20**	200	3.77		486219	0.1385
641XB223PK2	35	**20**	20	4.02	✓	486196	0.1519
641XB322	35	**20**	200	3.64		486240	0.1286
641XB322PK2	35	**20**	20	3.89	✓	486226	0.1144
641XB323	35	**20**	200	3.34		486288	0.1227
641XB323PK2	35	**20**	20	3.59	✓	486264	0.1361
641XB332	35	**20**	200	3.39		486325	0.1312
641XB332PK2	35	**20**	20	3.64	✓	486301	0.1409
641XB333	35	**20**	200	3.44		486363	0.1401
641XB333PK2	35	**20**	20	3.69	✓	486349	0.1535
641XB334	35	**20**	200	8.13		403605	0.2328
641XB432	35	**20**	200	7.95		486448	0.1983
641XB433	35	**20**	200	7.78		486486	0.1976
641XB434	35	**20**	200	8.86		403636	0.2096
641XB442	35	**20**	200	8.40		486523	0.2145
641XB443	35	**20**	200	8.19		486561	0.2100
641XB443PK2	35	**20**	20	8.44	✓	486547	0.2271
641XB444	35	**20**	100	8.74		486608	0.2282
641XG111	34	**50**	500	4.42		404893	0.0555
641XG111PK1	34	**25**	25	4.67	✓	405326	0.0664
641XG222	34	**50**	500	3.22		404909	0.0581
641XG222PK1	34	**25**	25	3.47	✓	405333	0.0666
641XG223	34	**20**	200	5.61		404916	0.1280
641XG223PK1	34	**25**	25	5.86	✓	405708	0.1338
641XG322	34	**20**	200	5.81		404923	0.1120
641XG323	34	**20**	200	5.80		404930	0.1130
641XG323PK1	34	**25**	25	6.05	✓	405821	0.1202
641XG332	34	**20**	200	5.81		404947	0.1156
641XG332PK1	34	**25**	25	6.06	✓	405883	0.1236
641XG333	34	**20**	200	5.82		405098	0.1160
641XG333PK1	34	**25**	25	6.07	✓	405890	0.1230
641XG442	34	**20**	200	10.95		405111	0.2149
641XG442PK1	34	**25**	25	11.20	✓	406149	0.2202
641XG443	34	**20**	200	10.46		405166	0.4098
641XG443PK1	34	**25**	25	10.71	✓	405944	0.2184
641XG444	34	**20**	200	12.38		405234	0.2282
641XG444PK1	34	**25**	25	12.63	✓	406217	0.2311
641XP222	89	**50**	500	1.02		432490	0.0143
641XP223	89	**20**	200	1.54		409638	0.0210
641XP322	89	**20**	200	1.54		432513	0.0221
641XP323	89	**20**	200	1.54		432520	0.0275
641XP332	89	**20**	200	1.54		432537	0.0248
641XP333	89	**20**	200	1.54		432544	0.0304
641XP334	89	**20**	200	3.34		432551	0.0391
641XP433	89	**20**	200	3.34		432568	0.0364
641XP434	89	**20**	200	3.41		432575	0.0489
641XP442	89	**20**	200	3.34		432582	0.0376
641XP443	89	**20**	200	3.34		432599	0.0447
641XP444	89	**20**	200	3.34		432605	0.0542
642-2	219	**25**	250	2.53		403674	0.0368
642-3	219	**25**	250	3.14		403681	0.0851
642A235597	124	8	48	32.60		431998	0.8000
642A235797	124	2	12	55.79		432001	1.3600
642A235997	124	2	12	90.87		432018	0.3958
642A260657	124	40	240	4.45		431967	0.1500
642A260677	124	25	150	8.57		431974	0.3200
642A260717	124	10	60	20.79		431981	0.6000
642AG2	124	40	240	9.68		414649	0.1500
642AG3	124	25	150	16.12		414656	0.3200
642AG4	124	10	60	25.88		414663	0.6000
642AG5	124	8	48	59.75		414618	0.8000
642AG6	124	2	12	83.41		414625	1.3600
642AG7	124	2	12	104.96		414632	0.3900
642QB2	212	12	12	8.56	✓	406347	0.2053
642QB3	212	12	12	10.67	✓	406354	0.2850
642QB32	212	6	6	10.59	✓	406361	0.2380
642QB4	212	6	6	20.34	✓	406408	0.5275
642W2	103	**25**	250	4.45		408501	0.1174
642W3	103	**25**	125	8.35		408495	0.2663
642WG2	102	**25**	25	6.50		409560	0.1160
642WG3	102	**25**	25	12.50		409577	0.2631
642WG4	102	**25**	25	19.00		409584	0.3832
642X1	33	**25**	250	1.96		487025	0.0312
642X1PK2	33	**20**	20	4.01	✓	487001	0.0684
642X2	33	**25**	250	1.22		487063	0.0426
642X23PK2	33	**20**	20	9.51	✓	487056	0.2251
642X2PK2	33	**20**	20	2.74	✓	487049	0.0957
642X2PK3	33	**10**	10	31.75	✓	498700	1.0822
642X3	33	**25**	250	1.99		487100	0.0899
642X3PK2	33	**20**	20	4.28	✓	487087	0.1861
642X3PK3	33	**10**	10	51.00	✓	498717	2.1872
642X4	33	**25**	25	6.02		487148	0.2041
642X43	33	**25**	25	7.22		405937	0.2041
642X4PK2	33	**20**	20	12.34	✓	487124	0.4253
642X5	85	10	50	24.70		498625	0.3313
642XB1	34	**25**	250	2.54		441959	0.0528
642XB2	34	**25**	250	1.76		441973	0.0533
642XB23	34	**25**	250	3.86		441966	0.1118
642XB3	34	**25**	250	2.99		441980	0.1267
642XB4	34	**25**	25	7.00		441997	0.2200
642XB43	34	**25**	25	9.00		488053	0.2192
642XG1	33	**25**	250	3.50		408679	0.0528
642XG2	33	**25**	250	2.41		408686	0.0476
642XG23	33	**25**	250	5.56		408693	0.1284
642XG3	33	**25**	250	4.33		408709	0.1099
642XG4	33	25	25	9.68		408716	0.2181
642XG43	33	25	25	12.15		408723	0.1806
642XP2	88	**25**	250	0.80		432612	0.0109
642XP3	88	**25**	250	1.23		432636	0.0227
642XP32	88	**25**	250	1.15		432629	0.0184
642XP4	88	**25**	25	3.33		432643	0.0442
643-2	220	**100**	1000	1.46		403704	0.0252
643-3	220	**50**	500	2.60		403711	0.0603
643-3B	220	**50**	50	3.30		403759	0.0648
643-C211	159	100	100	6.91		403766	0.2608
643-C311	159	50	50	13.19		403773	0.4389
643-C418	159	25	25	29.01		403780	1.0182
643-C518	159	10	10	40.62		407498	1.4920
643-C620	159	1	10	45.89		465443	2.1385
643-C722	159	1	10	96.01		407504	3.3069
643-P311	175	50	50	16.69		407511	0.4335
643-P418	175	25	25	32.51		407535	1.0690
643-P518	175	1	10	44.12		407528	1.4993
643-P620	175	1	10	52.89		407542	2.1377
643-P722	175	1	10	103.01		407559	3.5104
643A235567	128	5	30	28.90		431356	0.5000
643A235577	128	5	5	41.00		431363	0.5300
643A235767	128	5	30	43.69		431370	0.6782
643A235777	128	5	5	49.06		431387	1.1550
643A235967	128	5	30	57.14		431394	1.4167
643A235977	128	3	3	70.08		431400	1.6600
643A260017	128	65	65	2.77		431288	0.0849
643A260417	128	25	25	8.09		431295	0.2937
643A260827	128	35	35	5.17		431301	0.1810
643A260837	129	25	25	6.65		431349	0.2602
643A260947	128	20	20	9.72		431318	0.4000
643AG2	128	65	65	3.30		414724	0.0800
643AG3	128	35	35	6.33		414748	0.1800
643AG4	128	25	25	9.86		414731	0.2900
643AG5	128	5	5	33.30		414670	0.5000
643AG6	128	5	5	50.75		414687	0.6700
643AG7	128	5	5	70.51		414700	1.4100
643W2	105	**100**	1000	2.95		408518	0.0520
643W3	105	**50**	50	6.10		408525	0.1138
643W4	105	**25**	25	8.19		408532	0.2036
643WG2	105	**100**	100	3.25		409591	0.0515
643WG23	105	**50**	50	7.75		409393	0.0940
643WG3	105	**50**	50	7.38		409669	0.1138
643WG32	105	**50**	50	6.65		409409	0.0814

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Numerical Index

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
643WG4	105	**25**	25	13.50		409683	0.2015
643WG43	105	**25**	25	14.50		409690	0.1412
643WG5	105	**5**	5	30.50		409706	0.3100
643WG6	105	**5**	5	50.24		409713	0.4680
643WG7	105	**5**	5	150.00		409720	1.0486
643X1	38	**100**	1000	1.51		481726	0.0282
643X11	38	**100**	1000	1.67		403803	0.0208
643X1PK2	38	**20**	20	3.32	✓	481702	0.0682
643X2	38	**100**	1000	0.75		481764	0.0262
643X202	38	**50**	500	2.24		403827	0.0442
643X208	52	100	100	4.01		403834	0.1740
643X212	52	100	100	5.41		403841	0.2613
643X23	38	**50**	100	1.40		481771	0.0353
643X23PK2	38	**20**	20	3.10	✓	481757	0.0792
643X2PK2	38	**20**	20	1.80	✓	481740	0.0642
643X3	38	**50**	500	1.37		481849	0.0524
643X32	38	**50**	500	3.06		481801	0.0528
643X32PK2	38	**10**	10	6.42	✓	481788	0.1243
643X34	38	**25**	250	3.06		403889	0.0866
643X3PK2	38	**10**	10	3.04	✓	481825	0.1240
643X4	38	**25**	250	3.09		481924	0.1048
643X43	38	**25**	250	3.76		403902	0.0846
643X5	86	10	100	21.58		498571	0.1735
643X6	86	10	100	32.28		410283	0.2926
643XB1	39	**100**	1000	1.77		442000	0.0297
643XB2	39	**100**	1000	1.42		442017	0.0340
643XB23	39	**50**	500	1.73		442239	0.0424
643XB2PK3	39	**5**	5	147.00	✓	400451	3.6000
643XB3	39	**50**	500	2.50		410498	0.0653
643XB32	39	**50**	500	2.63		442031	0.0639
643XB34	39	**25**	250	3.19		442048	0.0796
643XB4	39	**25**	250	5.14		442055	0.1090
643XB43	39	**25**	250	4.08		442062	0.0994
643XG1	39	**100**	1000	5.23		408730	0.0339
643XG2	39	**100**	1000	1.76		408747	0.0346
643XG23	39	**50**	500	3.01		408754	0.0422
643XG3	39	**50**	500	3.09		408761	0.0654
643XG32	39	**50**	500	3.83		408778	0.0622
643XG34	39	**25**	250	4.16		408785	0.0789
643XG4	39	**25**	250	7.39		408792	0.1132
643XG43	39	**25**	250	5.18		408808	0.1145
644-2	220	**100**	1000	1.50		403919	0.0273
644-3	220	**50**	500	2.32		403926	0.0641
644A260047	129	65	65	2.70		431325	0.0923
644A260807	129	35	210	6.45		431332	0.2380
644AG2	129	65	65	3.31		414779	0.0900
644AG3	129	25	25	8.17		414755	0.2600
644AG4	128	20	20	11.96		414762	0.4000
644AG43	129	35	35	10.17		414786	0.2300
644AG5	128	5	5	27.26		415035	0.5300
644AG6	128	5	5	57.12		414694	1.1500
644AG7	128	3	3	87.03		414717	1.6600
644W2	106	**100**	100	2.95		408549	0.0322
644W3	106	**50**	50	6.35		410610	0.1517
644W4	106	**25**	25	8.85		408556	0.2550
644WG2	106	**100**	100	3.30		409737	0.0661
644WG23	106	**50**	50	12.00		409676	0.0956
644WG3	106	**50**	50	7.50		409744	0.1471
644WG32	106	**50**	50	6.50		409973	0.0076
644WG4	106	**25**	25	13.00		409751	0.2641
644WG43	106	**25**	25	15.00		409768	0.2080
644WG5	106	**5**	5	35.00		409775	0.3540
644WG6	106	**5**	5	51.24		409782	0.5503
644WG7	106	**5**	5	151.00		409799	1.0287
644X1	38	**100**	1000	1.53		482020	0.0282
644X1PK2	38	**20**	20	3.36	✓	482006	0.0682
644X2	38	**100**	1000	0.82		495273	0.0281
644X2PK2	38	**20**	20	1.94	✓	482044	0.0680
644X3	38	**50**	500	1.40		495280	0.0569
644X32	38	**50**	500	3.10		482105	0.0566
644X32PK2	38	**10**	10	4.78	✓	482082	0.1324
644X34	38	**25**	250	3.53		403971	0.0756
644X3PK2	38	**10**	10	3.10	✓	482129	0.1324
644X4	38	**25**	250	3.54		482266	0.1125
644X43	38	**25**	250	3.47		403995	0.1064
644X45	86	10	50	45.37		498533	0.1634
644X4PK2	38	**5**	5	7.38	✓	482242	0.2207
644X5	86	10	50	23.32		498526	0.2007
644XB1	40	**100**	1000	2.07		442079	0.0427
644XB2	40	**100**	1000	1.56		442086	0.0448
644XB2PK3	40	**100**	500	140.00	✓	400550	4.2830
644XB3	40	**50**	500	2.85		442093	0.0790
644XB32	40	**50**	500	3.45		442109	0.0735
644XB4	40	**25**	250	5.80		442116	0.1294
644XB43	40	**25**	250	5.98		442123	0.1441
644XB4PK1	40	**25**	25	5.75	✓	420510	0.1359
644XG1	40	**100**	500	2.87		408815	0.0451
644XG2	40	**100**	1000	2.13		408822	0.0442
644XG3	40	**50**	500	3.75		408839	0.0595
644XG32	40	**50**	500	5.04		408846	0.0773
644XG4	40	**25**	250	6.58		408853	0.1265
644XG43	40	**25**	250	6.73		408860	0.1346
645-2	220	**100**	1000	1.49		404008	0.0226
645-3	220	**50**	500	1.90		404015	0.0454
645-C2G	158	50	50	7.32		404114	0.0885
645-C3G	158	50	50	9.56		404107	0.1893
645A235517	127	10	10	36.97		431226	0.4165
645A235527	127	5	5	31.05		431165	0.5150
645A235717	127	5	30	38.98		431233	0.6098
645A235727	127	5	30	49.06		431172	0.7548
645A235737	127	5	30	37.64		431189	0.5433
645A235917	127	3	18	56.48		431196	1.0375
645A235927	127	3	18	66.55		431202	1.3330
645A235937	127	3	18	50.38		442147	0.9422
645A235947	127	3	18	49.06		431219	0.9333
645A243517	127	70	420	5.55		431097	0.0779
645A260227	127	60	60	3.27		431103	0.1148
645A260247	127	45	45	6.99		431110	0.1501
645A260317	127	35	35	5.45		431127	0.1813
645A260427	127	20	20	9.12		431134	0.3083
645A260447	127	25	25	8.28		431141	0.2382
645A3P	137	50	50	14.50		404671	0.3932
645A4P	137	20	20	22.64		404862	0.5599
645AC2	137	50	50	8.47		409317	0.1600
645AC3	137	50	50	14.51		409324	0.3628
645AC4	137	20	20	22.75		409331	0.5584
645AG1	127	70	70	5.98		414830	0.0700
645AG2	127	60	60	3.92		414847	0.1100
645AG3	127	35	35	7.19		414854	0.1800
645AG32	127	45	45	6.54		414861	0.1500
645AG4	127	20	20	10.87		414878	0.3000
645AG43	127	25	25	10.14		414885	0.2300
645AG5	127	5	5	39.76		414809	0.5100
645AG54	127	10	10	42.72		414793	0.4100
645AG6	127	5	5	50.31		414816	0.7500
645AG64	127	5	5	52.18		414823	0.5400
645AG7	127	3	3	91.58		431202	1.3300
645QB2	212	12	12	8.26	✓	406415	0.1412
645QB3	212	12	12	9.44	✓	406422	0.2217
645QB32	212	6	6	9.22	✓	406439	0.1970
645QB4	212	6	6	19.92	✓	406446	0.3480
645QB43	212	6	6	22.97	✓	406453	0.2980
645QB5	212	3	3	65.17	✓	406460	0.7983
645QB6	212	3	3	90.56	✓	406477	1.5333
645QB7	212	3	3	132.31	✓	406484	2.1450
645VC2	95	50	50	7.36		496386	0.1114
645VC3	95,	50	50	14.29		496287	0.2162
645VC4	95	20	20	20.59		496522	0.3613
645WC2	115	50	50	6.64		404046	0.0833
645WC3	115	50	50	9.30		404053	0.1883
645WC4	115	20	20	18.58		404060	0.4634
645WG2	104	**100**	100	4.50		409805	0.0651
645WG3	104	**50**	50	7.00		409812	0.1302
645WG32	104	**50**	50	7.75		409829	0.1122
645WG3P	115	50	50	11.39		404879	0.2896
645WG4	104	**25**	25	14.75		409836	0.2308
645WG43	104	**25**	25	12.50		409843	0.1929
645WG4P	115	20	20	21.48		404886	0.4777

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
645WGC2	114	50	50	7.66		406781	0.1238
645WGC3	114	50	50	13.11		406798	0.2602
645WGC4	114	20	20	18.91		406804	0.4737
645X1	35	**100**	1000	1.37		482327	0.0152
645X1PK2	35	**20**	20	3.04	✓	482303	0.0170
645X2	35	**100**	1000	0.64		482365	0.0234
645X23P	58	50	50	9.65		495983	0.2009
645X2G	59	**50**	50	2.09		482549	0.0580
645X2GPK2	59	**10**	10	2.34	✓	482549	0.0758
645X2PK2	35	**20**	20	1.58	✓	482341	0.0590
645X2PK3	35	**10**	10	69.00	✓	498724	2.3536
645X3	35	**50**	500	0.87		482440	0.0382
645X32	35	**50**	500	2.40		482402	0.0366
645X32PK2	35	**20**	20	5.10	✓	482389	0.0998
645X34P	58	20	20	14.44		495853	0.3074
645X3G	59	**50**	50	2.47		482563	0.0799
645X3GPK2	59	**10**	10	2.72	✓	482563	0.0938
645X3P	58	50	50	9.17		495945	0.2001
645X3PK2	35	**10**	10	2.04	✓	482426	0.0955
645X4	35	**25**	250	2.22		482525	0.0807
645X43	35	**25**	250	2.31		482488	0.0711
645X43P	58	20	20	14.53		495860	0.2261
645X43PK2	35	**10**	10	4.92	✓	482464	0.1414
645X4P	58	20	20	15.15		495846	0.3057
645X4PK2	35	**10**	10	4.74	✓	482501	0.1535
645X5	86	10	10	22.43		498519	0.1300
645X54	86	10	100	19.99		497581	0.0384
645X54P	86	10	10	58.13		495839	0.3735
645X5P	86	10	10	62.29		496034	0.5771
645X6	86	10	50	43.51		496690	0.2413
645XB1	36	**100**	1000	1.40		442130	0.0224
645XB12	36	**50**	500	1.52		488060	0.0255
645XB12PK2	36	**20**	20	3.34	✓	482310	0.1394
645XB2	36	**100**	1000	1.07		410603	0.0280
645XB2PK3	36	**5**	5	100.00	✓	401472	2.7800
645XB3	36	**50**	500	1.60		410580	0.0480
645XB32	36	**50**	500	2.04		410597	0.0474
645XB4	36	**25**	250	3.12		410566	0.0880
645XB43	36	**25**	250	3.82		410573	0.0760
645XB43PK1	36	**25**	25	4.07	✓	420084	0.0718
645XC2	58	**50**	50	4.50		404152	0.0684
645XC23	58	50	50	7.75		496225	0.1710
645XC2PK2	58	**10**	10	4.65	✓	482051	0.0908
645XC3	58	**50**	50	5.00		404169	0.1267
645XC34	58	20	20	13.75		496119	0.2989
645XC3PK2	58	**10**	10	5.15	✓	482136	0.1493
645XC4	58	**20**	20	13.50		404176	0.2025
645XC43	58	20	20	13.75		496201	0.2036
645XC5	86	10	10	38.26		496256	0.5202
645XC54	86	10	10	59.98		496041	0.4830
645XG1	36	**100**	1000	2.02		408877	0.0211
645XG12	36	**50**	500	2.08		408884	0.0255
645XG2	36	**100**	1000	1.43		408891	0.0028
645XG3	36	**50**	500	2.26		408907	0.0501
645XG32	36	**50**	500	2.84		408914	0.0465
645XG4	36	**25**	250	4.42		408921	0.0843
645XG43	36	**25**	250	4.27		408938	0.0730
645XP2	89	**100**	1000	0.60		432650	0.0065
645XP3	89	**50**	50	0.75		432674	0.0176
645XP32	89	**50**	500	0.95		432667	0.0011
645XP4	89	**25**	250	1.45		432704	0.0250
645XP42	89	**25**	250	1.78		432681	0.0173
645XP43	89	**25**	250	1.46		432698	0.0192
646-306FP	196	**10**	10	30.39		403872	0.8422
646-C306FP	163	**10**	10	33.59		403964	1.0165
646-C309	163	25	25	13.63		495686	0.4383
646-C309FP	163	25	25	34.78		495662	1.0974
646-C318	163	**25**	25	19.03		404275	0.7537
646-C318FP	163	**25**	25	39.69		404282	1.4924
646-C318FPPK	163	**10**	10	40.19	✓	494306	1.7556
646-C318FPT	163	20	20	61.01		404305	1.9433
646-C318PK	163	**10**	10	19.53	✓	494283	0.9963
646-C324	163	25	25	27.98		404312	0.9790
646-C324FP	163	25	25	45.28		404329	1.6292
646-C324FPT	163	20	20	66.37		404336	2.1886
646-C3418	163	25	25	27.20		404343	0.8222
646-C3418FP	163	25	25	46.92		404350	1.6454
646-C3424	163	25	25	31.15		404374	1.0591
646-C3424FP	163	25	25	50.67		404381	1.8573
646-C3PK	163	**10**	10	5.87	✓	493200	0.4069
646-C4308	163	25	25	18.11		496836	0.5361
646-C5	154	10	10	37.45		499851	0.7242
646-C6	154	10	10	47.14		499868	0.9564
646-C7	154	10	10	71.51		499875	1.5604
646-CG2	154	**50**	50	5.07		406897	0.0910
646-CG3	154	**50**	50	6.98		406903	0.2452
646-CG4	154	**20**	20	14.43		406910	0.3697
646-GP4312FD	201	25	25	60.73		412232	1.5090
646-GP4312FP	201	25	25	54.93		412249	1.6006
646-GP4412FD	201	25	25	79.68		412256	2.1240
646-GP4412FP	201	25	25	75.47		412263	2.1010
646-P3	174	50	50	10.94		404411	0.2402
646-P4	174	20	20	16.03		404428	0.3728
646-P5	174	10	10	23.76		499011	1.9210
646-P6	174	10	10	49.74		499882	1.0009
646-P7	174	10	10	67.40		499899	1.6810
646-PG3	174	50	50	10.60		407177	0.2789
646-PG4	174	**20**	20	16.69		407191	0.4165
646A235557	130	5	5	49.06		431486	0.6903
646A235757	130	5	5	54.45		431493	1.0800
646A235957	130	3	3	108.60		431509	1.8670
646A243537	130	50	50	4.29		431417	0.1298
646A260237	130	65	65	4.27		431424	0.1468
646A260327	130	35	35	7.15		431431	0.2762
646A260437	130	20	20	10.45		431448	0.4042
646A260597	130	20	120	9.48		431455	0.3246
646A260737	131	25	150	10.42		431462	0.2600
646A260747	132	15	90	10.62		431479	0.4000
646A306FP	137	**10**	10	33.94		403933	0.9212
646AG2	129	65	65	5.21		414939	0.1400
646AG21	129	50	50	6.98		414922	0.1200
646AG2E	131	25	150	18.24		414977	0.2600
646AG3	129	35	35	8.76		414946	0.2700
646AG34	129	20	20	10.10		414960	0.3200
646AG4	129	20	20	13.05		414953	0.4000
646AG5	129	5	5	58.99		414892	0.6900
646AG6	129	5	5	59.50		414908	1.0800
646AG7	129	3	3	126.87		414915	1.8600
646QB2	213	12	12	6.65	✓	406491	0.1323
646QB3	213	12	12	7.51	✓	406507	0.4900
646QB32	213	6	6	7.45	✓	406514	0.1930
646QB4	213	6	6	15.35	✓	406521	0.2892
646W2	107	**100**	100	3.70		408570	0.1197
646W3	107	**25**	250	7.35		408587	0.1905
646W306FP	112	**10**	10	33.66		403957	1.0200
646W4	107	**25**	25	11.65		408563	0.2987
646WG2	106	**100**	100	4.90		409850	0.1212
646WG3	106	**25**	25	8.75		409867	0.1883
646WG32	106	**25**	25	12.25		409874	0.1876
646WG34	106	**25**	25	18.50		409881	0.2325
646WG4	106	**25**	25	18.00		409898	0.2987
646WG43	106	**25**	25	18.50		409904	0.3384
646WG5	106	**5**	5	40.50		409911	0.6540
646WG6	106	**5**	5	54.74		409928	0.9052
646WG7	106	**5**	5	163.00		409935	1.8665
646X306FP	56	**10**	10	31.62		403940	1.2066
646X318	56	25	25	18.18		404473	0.7546
646X318FP	56	25	25	39.10		404480	1.3918
646X5	86	10	50	36.63		495525	0.0939
646XB12PK2	41	**20**	20	3.12	✓	483096	0.1234
646XB2	41	**100**	100	3.15		495303	0.1082
646XB23	41	**50**	50	3.72		410542	0.1097
646XB23PK2	41	**20**	20	3.97	✓	483157	0.0934
646XB2PK2	41	**20**	20	3.40	✓	483102	0.1194
646XB2PK3	41	**100**	100	320.00	✓	483126	0.1085
646XB3	41	**25**	250	4.95		495310	0.1731
646XB32	41	**50**	50	5.30		483164	0.1750
646XB32PK2	41	**20**	20	5.55	✓	483140	0.3177

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Numerical Index

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
646XB34	41	**50**	50	6.34		410528	0.1800
646XB34PK2	41	**25**	25	6.59	✓	494313	0.1927
646XB3PK2	41	**20**	20	5.20	✓	483188	0.1824
646XB4	41	**50**	50	9.06		483249	0.2789
646XB43	41	**50**	50	9.47		410511	0.2789
646XB4PK2	41	**20**	20	9.31	✓	483225	0.2911
646XG12PK2	41	**20**	20	5.63	✓	407306	0.1234
646XG2	41	**100**	100	4.44		406958	0.1082
646XG23	41	**50**	50	6.40		408945	0.1094
646XG23PK2	41	**20**	20	6.65	✓	406965	0.0934
646XG3	41	**25**	250	6.67		406972	0.2014
646XG32	41	**50**	50	6.87		406989	0.1965
646XG34	41	**25**	25	8.24		406996	0.2357
646XG4	41	**50**	50	11.00		407054	0.2789
646XG43	41	**50**	50	11.44		408952	0.2739
646XG43PK2	41	**20**	20	11.69	✓	407078	0.2509
646XP2	90	**100**	100	1.06		432711	0.0164
646XP23	90	**50**	50	1.33		432728	0.0198
646XP3	90	**25**	250	1.37		432742	0.0254
646XP32	90	**50**	50	1.27		432735	0.0240
646XP4	90	**25**	250	2.00		404220	0.0211
647-C2D	157	**50**	50	15.73		404558	0.2052
647-C2DPK2	157	**10**	10	15.98	✓	493224	0.3073
647-C2DW	157	**50**	50	15.35		404565	0.2248
647-C2DWPK2	157	**10**	10	15.60	✓	493248	0.3193
647-C2E3	156	**50**	50	7.76		498564	0.3414
647-C2E3PK2	156	**10**	10	8.01	✓	492920	0.3578
647-C3E	156	**25**	25	16.81		407566	0.4312
647-C4E	156	**10**	10	27.02		407573	0.7242
647-C5	154	10	10	38.45		499349	0.6990
647-C6	154	10	10	48.40		499356	0.9932
647-C7	154	10	10	73.43		499363	1.5275
647-CG2	154	**50**	50	5.07		406927	0.1073
647-CG3	154	**50**	50	7.87		406934	0.1640
647-CG4	154	20	20	16.99		406941	0.4251
647-P3	174	50	50	11.45		404602	0.2894
647-P4	174	20	20	18.22		404619	0.4276
647-P5	174	1	10	43.45		499004	0.7566
647-P6	174	1	10	58.40		499370	1.0076
647-P7	174	1	10	88.43		499387	1.4509
647-PG3	174	**50**	50	12.60		407245	0.2894
647-PG4	174	**20**	20	19.37		407252	0.4276
647A260287	130	35	35	5.46		431516	0.1589
647A260387	130	25	25	7.72		431523	0.2872
647A260487	130	10	10	12.25		431530	0.5239
647A260667	131	20	20	7.52		431547	0.3000
647A260777	131	15	90	19.46		431554	0.4778
647A260787	131	8	48	34.64		431561	0.9181
647AG2	130	35	35	6.49		414991	0.1500
647AG2E	131	20	20	15.50		415028	0.3000
647AG3	130	25	25	9.48		415004	0.2800
647AG4	130	10	10	15.04		415011	0.5200
647QB2	213	12	12	6.56	✓	406538	0.1358
647QB2E	214	6	6	8.31	✓	406545	0.2350
647QB3	213	6	6	7.69	✓	406552	0.2250
647QB32	213	6	6	7.65	✓	406569	0.1975
647QB34	213	6	6	13.01	✓	406576	0.2792
647QB4	213	6	6	14.78	✓	406583	0.3133
647QB43	213	1	6	13.96	✓	410672	0.2792
647W2	107	**50**	250	4.36		408594	0.1367
647W2E	108	**50**	50	10.32		406859	0.2824
647W3	107	**50**	50	8.18		408600	0.1985
647WG2	107	**50**	50	9.84		409942	0.1391
647WG23	107	**50**	50	11.09		409959	0.1684
647WG3	107	**50**	50	10.78		409966	0.1960
647WG32	107	**25**	25	15.78		409607	0.2084
647WG4	107	**25**	25	23.25		409980	0.4363
647WG43	107	**25**	25	33.75		409997	0.3923
647WG5	107	**5**	5	41.64		410016	0.5503
647WG6	107	**5**	5	88.86		410030	0.8236
647WG7	107	**5**	5	196.10		410535	1.6813
647X1E	43	**50**	50	7.25		482884	0.2407
647X1EPK2	43	**20**	20	7.40	✓	482860	0.2578
647X23E	43	**50**	50	7.67		482938	0.2462
647X23EPK2	43	**20**	20	7.92	✓	482914	0.2632
647X2E	43	**50**	50	6.31		495297	0.2600
647X2EPK2	43	**20**	20	6.56	✓	482907	0.2531
647X2EPK3	43	**50**	50	318.00	✓	482921	0.2650
647X2HE	43	**50**	50	7.86		412386	0.3092
647XB2	42	**50**	250	4.12		483027	0.1398
647XB23	42	**50**	50	5.90		410559	0.1881
647XB23PK2	42	**10**	10	6.15	✓	483010	0.2063
647XB2PK2	42	**10**	10	4.37	✓	483003	0.1463
647XB3	42	**50**	50	5.90		483065	0.1944
647XB3PK2	42	**10**	10	6.15	✓	483041	0.2124
647XB4	42	**50**	50	10.60		410504	0.3785
647XB4PK2	42	**10**	10	10.85	✓	494320	0.3927
647XG2	42	**50**	250	4.82		407092	0.1181
647XG23PK2	42	**10**	10	5.87	✓	407115	0.2063
647XG3	42	**50**	50	7.25		407139	0.1944
647XG4	42	**50**	50	12.77		407153	0.3436
648-82	192	10	10	17.52		499288	0.5809
648-83	192	10	10	24.61		499271	1.0227
648-84	192	10	10	44.28		499226	1.4230
648-C2W	164	10	10	17.40		404732	0.6299
648-C3W	164	10	10	20.12		404770	0.8697
648-CG2FP	164	10	10	21.16		411921	0.6930
648-CG2FPD	164	10	10	25.66		412058	0.5360
648-CG3FP	164	10	10	31.43		412102	1.0427
648-CG3FPD	164	10	10	36.43		412119	0.8972
648-CG4FP	164	10	10	60.55		412126	1.2560
648-CG4FPD	164	10	10	66.05		412133	1.5452
648-CG5FP	164	5	5	93.29		412140	2.7914
648-CG6FP	164	**1**	1	129.93		412157	4.3159
648-CG7FP	164	**1**	1	202.67		412164	6.6868
648-P3FP	176	10	10	32.33		404794	1.0824
648-P4FP	176	10	10	57.65		404800	1.6298
648-P5FP	176	5	5	86.12		498939	4.4160
648-P6FP	176	**1**	1	117.98		498946	3.8203
648-P7FP	176	**1**	1	181.24		498953	5.7879
648A261376	139	18	18	26.87		432117	0.5000
648A261476	139	12	72	31.99		432124	0.0715
648A261906	138	24	24	16.32		432131	0.4375
648A261946	139	24	24	14.25		432070	0.3330
648A261956	138	12	12	24.48		432087	0.5542
648A261976	139	18	18	16.00		432094	0.3889
648A261996	139	18	18	16.00		432100	0.3982
648A4FP	138	10	10	53.57		404138	1.7686
648QB2	215	12	12	17.16	✓	406590	0.4142
648QB220A	215	12	12	12.16	✓	406606	0.2925
648QB220S	215	12	12	12.65	✓	406613	0.2788
648QB3	215	12	12	23.43	✓	406620	0.6217
648QB4	215	6	6	38.88	✓	406637	1.1275
648QBD220A	215	12	12	18.25	✓	406644	0.3200
648VG2FP	95	10	10	27.67		412997	0.5900
648VG3FP	95	10	10	42.34		413000	0.9015
648VG4FP	95	10	10	70.40		413017	1.4800
648WG2FP	115	10	10	26.02		412362	0.5895
648WG3FP	115	10	10	40.69		412379	0.9015
648WG4FP	115	10	1	68.75		412348	1.4795
648X2	60	10	100	10.19		506955	0.3135
648X2PK	60	10	10	10.69		485007	0.2991
648X2W	60	12	12	12.56		506993	0.5588
648X2WPK	60	**10**	10	13.06	✓	485144	0.5659
648X3	60	10	100	11.30		507006	0.4150
648X3PK	60	**10**	10	11.80		485021	0.4450
648X3W	60	12	12	14.94		507020	0.7173
648X3WPK	60	**10**	10	15.44	✓	485168	0.7218
648X4	60	6	60	19.21		442178	0.7369
648X4FP	60	10	10	43.13		495341	1.3767
648X4FPPK	60	**6**	6	43.63	✓	485045	1.4186
648X92PK1	60	**12**	12	10.19	✓	441874	0.1648
648X93PK1	60	**12**	12	16.98	✓	441881	0.3480
648XG2	60	10	120	14.47		406866	0.2994
648XG3	60	8	96	17.78		406873	0.4171
648XG4	60	4	40	39.78		406880	0.5872
649-1	219	**100**	1000	0.30		404817	0.0103
649-2	219	**100**	1000	0.30		404824	0.0134

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
649-3	219	**100**	500	0.37		404831	0.0182
649-4	219	**25**	250	0.54		404848	0.0228
649A235507	124	**25**	25	7.19		431066	0.2800
649A235707	124	**20**	120	14.93		431073	0.2830
649A235907	124	**5**	5	17.54		431080	0.5203
649A243507	124	**150**	900	2.67		431028	0.0456
649A260077	124	**150**	150	1.02		431035	0.0482
649A260077C	124	**20**	100	1.88		404237	0.0493
649A260577	124	**80**	80	1.75		431042	0.0776
649A260877	124	**40**	40	3.25		431059	0.1545
649TX2	32	**100**	1000	0.35		407603	0.0064
649TX3	32	**100**	500	0.46		407948	0.0095
649TX4	32	**25**	250	0.81		407955	0.0174
649W2	102	**50**	1000	0.20		408617	0.0064
649W3	102	**50**	500	0.39		410627	0.0119
649W4	102	**25**	250	0.70		408624	0.0200
649X1	32	**100**	1000	0.25		483522	0.0111
649X1PK2	32	**6**	6	6.50	✓	483508	0.3002
649X2	32	**100**	1000	0.21		495327	0.0127
649X2PK2	32	**24**	24	5.58	✓	483546	0.3339
649X2PK3	32	**10**	10	22.30	✓	483560	1.2912
649X3	32	**100**	500	0.28		495334	0.0178
649X3PK2	32	**12**	12	7.33	✓	483584	0.4532
649X3PK3	32	**10**	10	29.30	✓	483607	1.7443
649X4	32	**25**	250	0.47		483645	0.0240
649X4PK2	32	**10**	10	4.80	✓	483621	0.2622
649X5	32	**25**	250	2.40		495457	0.0894
649X6	32	**25**	250	3.31		495372	0.0786
652-A	229	1	16	17.90		107527	0.6090
652-AC	229	1	16	20.25		106780	0.6980
652-AD	233	1	16	21.25		109668	0.6520
652-AS	229	1	16	18.40		107022	0.6997
652-AX	229	1	16	19.65		430311	0.5645
653-B	229	1	16	21.15		107534	0.7913
653-BC	229	1	16	26.65		154101	0.8193
653-BS	229	1	16	21.50		107053	0.8445
653-BX	229	1	16	22.90		430328	0.7294
654-C	229	1	16	53.50		107541	1.0300
654-CC	229	1	16	61.90		154118	1.2016
654-CS	229	1	16	53.10		107084	1.0591
654-CX	229	1	16	53.50		404466	0.9941
655-D	229	1	4	70.50		107558	2.0476
655-DS	229	1	4	70.50		107114	2.1232
656-E	229	1	4	93.25		107121	2.3756
656-ES	229	1	4	93.25		107145	2.4628
657-F	229	1	4	140.00		107152	2.7856
657-FD	233	1	4	142.00		109675	2.7856
657-FS	229	1	4	140.00		107176	2.9875
658-1503	231	1	1	1250.00		107268	17.1100
658-2002	231	1	1	1310.00		107336	17.9900
658-2004	231	1	1	1310.00		107350	18.6360
658-4004	231	1	1	1690.00		107411	30.9261
658-4004F2	231	1	1	1760.00		107435	32.6249
658S2002	231	1	1	2950.00		107503	20.5000
658S2004F2	231	1	1	3490.00		107510	29.4572
658S4004F2	231	1	1	4250.00		107565	41.3000
660-3SB	226	50	50	17.00		106032	0.2862
660-C	226	6	6	17.50	✓	106643	0.3667
660-CB	226	**50**	50	16.00		106056	0.2821
660-G2	226	6	6	14.60	✓	154316	0.3821
660-G2B	226	**50**	50	13.10		407832	0.2620
660-GT	228	6	6	25.60	✓	154323	0.5917
660-GTB	228	25	25	24.00		201553	0.5246
660-GTR	228	6	6	25.70	✓	154330	0.5917
660-GTR1	228	6	6	25.20	✓	154347	0.5333
660-GTR1B	228	**25**	25	23.95		407849	0.4452
660-GTRB	228	**25**	25	24.45		407856	0.5107
660-H	227	6	6	18.50	✓	106605	0.5317
660-HB	227	**25**	25	17.00		106070	0.4638
660-S	226	6	6	14.25	✓	106773	0.3275
660-SB	226	**50**	50	12.75		106094	0.2409
660-T	228	6	6	19.35	✓	106667	0.6603
660-T22	227	25	25	16.50		106117	0.2620
660-TA2B	228	1	25	20.25		109613	0.5529
660-TB	228	**25**	25	17.75		106124	0.5246
660-TC0	228	6	6	20.00	✓	106148	0.5887
660-TC0B	228	**25**	25	18.50		106155	0.4517
660-TC1	228	6	6	20.40	✓	106384	0.5783
660-TC1B	228	**25**	25	18.90		106131	0.4413
660-TK	227	6	6	22.90	✓	106162	0.5500
660-TKB	227	**25**	25	21.40		106186	0.4873
660-TR	228	6	6	19.75	✓	106728	0.6466
660-TR0	228	1	6	19.75	✓	106797	0.5340
660-TR0B	228	**25**	25	18.25		106803	0.4528
660-TR1	228	6	6	19.25	✓	106377	0.5815
660-TR1B	228	**25**	25	17.75		106216	0.4452
660-TRB	228	**25**	25	18.25		106223	0.5107
660-TS	227	**25**	25	19.25		106230	0.2834
660-TS8	227	25	25	23.25		106247	0.4401
660-TS88	227	25	25	27.75		106254	0.7332
660-TSV7	227	25	25	23.00		109880	0.5207
660-TSX	227	25	25	24.00		109835	0.4465
660-TSX7	227	25	25	22.00		109897	0.5097
660-TSX88	227	25	25	31.00		109828	0.7954
660-TW2	228	25	25	19.45		106261	0.4672
660-TX1	228	6	6	20.35	✓	106308	0.5585
660-TX1B	228	**25**	25	18.85		106292	0.6390
660-TX2	228	6	6	18.75	✓	106285	0.5167
660-TX2B	228	**25**	25	17.25		106278	0.4400
660-V2	226	6	6	16.90	✓	106506	0.2567
660-V2B	226	**50**	50	15.40		106513	0.1788
660-V82	226	6	6	13.75	✓	490742	0.2550
660-V82B	226	**50**	50	12.50		490759	0.1614
660-VPX2B	226	50	50	14.90		486615	0.2145
660-WG2B	226	50	50	15.75		406811	0.4437
660-X2B	226	50	50	13.50		106315	0.1605
671X0430	67	25	25	25.89		404954	0.7462
671X0490	67	25	25	24.56		404961	0.6584
671X0630	67	25	25	33.02		404978	1.0253
671X0690	67	25	25	30.84		404985	0.9161
671X0830	67	25	25	41.02		404992	1.3095
671X0890	67	25	25	39.81		405005	1.2170
671X1030	67	25	25	51.80		405012	1.6022
671X1090	67	25	25	50.05		405029	1.4624
671X1230	67	25	25	61.03		405036	1.8138
671X1290	67	25	25	59.38		405043	1.5919
672A04C0	145	10	10	46.73		402820	1.0175
672A06C0	145	10	10	62.92		404145	1.3376
672A08C0	145	10	10	78.50		404206	1.6814
672A10C0	145	10	10	94.68		404299	1.9460
672A12C0	145	10	10	109.35		404398	2.4442
672A234107	144	1	4	482.98	✓	432452	5.0605
672A234417	143	1	5	118.25	✓	432445	2.1151
672A234427	143	1	10	24.95	✓	432438	0.4367
672A234437	143	1	10	30.74	✓	432421	0.6012
672A234447	143	1	10	41.01	✓	432414	0.7651
672A234457	143	1	10	51.25	✓	432407	1.3137
672A234467	143	1	10	59.12	✓	432391	1.2800
672A234487	143	1	10	78.84	✓	432384	1.2259
672A234517	145	1	5	157.28	✓	432377	2.7610
672A234527	145	1	10	39.13	✓	432360	0.6030
672A234537	145	1	10	49.80	✓	432353	1.1206
672A234547	145	1	10	59.62	✓	432346	0.9290
672A234557	145	1	10	70.58	✓	432339	1.5733
672A234567	145	1	10	77.79	✓	432322	1.7000
672A234587	145	1	10	100.61	✓	432315	3.4100
672A234607	143	1	5	256.14	✓	432308	2.6615
672A234637	143	1	5	271.00	✓	432292	2.7863
672A234647	143	1	5	534.02	✓	432285	9.8900
672A234667	143	1	5	389.65	✓	432278	7.8400
672A234677	143	1	5	617.67	✓	432261	11.6172
672A266327	143	1	10	37.54	✓	432254	0.7250
672A266337	143	1	10	42.39	✓	432247	0.9166
672A266347	143	1	10	48.77	✓	432230	2.1530
672A266357	144	1	5	248.24	✓	432469	11.5676
672A266367	144	1	1	275.70	✓	432223	7.1178
672A266397	144	1	5	124.34	✓	432216	3.7838
672BXT0390	76	10	10	16.37	✓	408389	0.2370

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Numerical Index

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
672BXT0399	76	10	10	17.22	✓	408396	0.2360
672BXT0490	76	10	10	18.11	✓	408402	0.2410
672BXT0499	76	10	10	19.65	✓	408419	0.2420
672C0242	74	1	10	46.84		499998	1.0737
672C0342	74	1	10	66.38		465436	2.1985
672C0442	74	1	10	83.64		499394	1.8872
672CB0242	75	1	10	104.74		499400	1.9246
672CB0342	75	1	10	148.59		499417	2.7803
672CB0442	75	1	10	189.31		499424	3.5466
672CV0242	74	1	10	62.54		499431	1.3647
672CV0342	74	1	10	88.63		499448	1.9538
672CV0442	74	1	10	112.36		499455	2.4736
672PXT0390	92	**10**	10	23.63	✓	412515	0.3746
672PXT0490	92	**10**	10	23.63	✓	412522	0.4125
672WG0240	119	1	10	29.27		407412	0.4610
672WG0340	119	1	10	37.71		407405	0.6952
672WG03C0	120	10	10	38.00	✓	412300	1.0330
672WG0430	119	1	10	47.41		412874	1.1217
672WG0440	119	1	10	46.14		407337	0.8440
672WG04C0	120	10	10	49.75	✓	412294	1.2053
672WG0630	119	1	10	62.35		411938	1.5376
672WG0640	119	1	10	60.68		407368	1.0740
672WG06C0	120	10	10	67.50	✓	412287	1.3748
672WG0830	119	1	10	83.81		411884	2.0439
672WG0840	119	1	10	81.57		407375	2.0465
672WG08C0	120	10	10	86.25	✓	412270	2.1491
672WG1040	119	1	10	89.73		407382	1.6900
672WG1240	119	1	10	104.26		407399	2.0060
672WV0230	119	1	10	49.25		407726	1.1797
672WV0330	119	1	10	67.25		407719	1.6940
672WV0344	120	1	10	71.70	✓	411204	1.5135
672WV0430	119	1	10	85.24		407702	2.8388
672WV0444	120	1	10	95.20	✓	411211	1.9247
672WV0630	119	1	10	118.70		407696	2.9185
672WV0644	120	1	10	142.20	✓	411228	2.8185
672WV0830	119	1	10	152.16		407689	5.1138
672WV0844	120	1	10	188.80	✓	411235	3.5510
672WV1030	119	1	10	185.72		407672	5.9912
672WV1044	120	1	10	235.00	✓	411242	4.6911
672WV1144	120	1	10	257.40	✓	411259	5.0858
672WV1230	119	1	10	219.09		407429	5.1760
672WV1244	120	1	10	279.60	✓	411266	5.4989
672WV1344	120	1	10	301.60	✓	411273	5.9224
672WV1444	120	1	10	323.40	✓	411280	6.3647
672WV1644	120	1	4	368.00	✓	411297	6.8869
672X03C0	74	10	10	29.48		499561	0.7305
672X04C0	74	10	10	33.84		499233	0.8368
672X05C0	74	10	10	38.32		499219	0.9398
672X06C0	74	10	10	42.58		499127	1.0665
672X08C0	74	10	10	48.57		498830	1.3773
672X10C0	74	10	10	54.56		498847	1.6374
672X12C0	74	10	10	60.55		498540	1.9020
672X0242	72	1	10	32.27		499653	0.6390
672X0330	71	25	25	17.52		400772	0.6592
672X0342	72	1	10	37.53		499660	0.8061
672X0390	69	25	25	17.18		405050	0.5211
672X0390PK	69	**5**	5	17.68	✓	402011	0.5714
672X0399	67	25	25	16.68		405067	0.5209
672X0430	71	25	25	21.36		405074	0.7324
672X0431PK	70	**5**	5	30.31	✓	480729	1.0780
672X0433EE	70	10	10	31.26		405081	1.1682
672X0440	73	25	25	24.41		406071	0.8368
672X0441PK	72	**5**	5	30.25	✓	480828	1.0249
672X0442	72	1	10	42.60		499677	0.9478
672X0444	71	25	25	26.92		406088	0.9087
672X0470	70	10	10	23.99		498175	0.7003
672X0477	68	10	10	24.96		497826	0.7003
672X0490	69	25	25	20.51		480323	0.6448
672X0490EE	69	10	10	31.82		405104	1.1682
672X0490PK	69	**5**	5	21.01	✓	402059	0.6951
672X0497	68	10	10	25.35		497819	0.7003
672X0499	67	25	25	20.62		480125	0.6448
672X0499PK	67	6	6	21.12	✓	420602	0.8850
672X0590	69	25	25	24.36		405128	0.8035
672X0599	67	25	25	24.21		405135	0.7935
672X0630	71	25	25	28.55		405142	1.0048
672X0633EE	70	10	10	38.49		405159	1.4066
672X0640	73	25	25	30.46		406095	1.0088
672X0644	71	25	25	30.63		406101	1.2257
672X0670	70	10	10	28.75		497987	0.9465
672X0677	68	10	10	30.48		497833	0.9418
672X0690	69	25	25	26.05		480361	0.8958
672X0690EE	69	10	10	40.24		405173	1.4066
672X0690PK	69	**5**	5	26.55	✓	402073	0.9876
672X0697	68	10	10	31.59		497802	0.9465
672X0699	67	25	25	25.93		405180	0.8958
672X0699PK	67	**6**	6	26.43	✓	480163	0.9740
672X0790	69	25	25	30.94		405197	1.0226
672X0830	71	25	25	34.51		405203	1.2822
672X0833EE	70	10	10	47.96		405210	1.7579
672X0840	73	25	25	36.35		406118	1.3394
672X0844	71	25	25	40.30		406125	1.4826
672X0870	70	10	10	39.11		497932	1.1901
672X0877	68	10	10	40.21		497864	1.2691
672X0890	69	25	25	32.78		405227	1.1901
672X0897	68	10	10	41.86		497765	1.1901
672X0899	67	25	25	33.74		480187	1.1901
672X0930	71	25	25	38.15		405241	1.4109
672X0990	69	25	25	35.78		405258	1.2998
672X0999	67	25	25	37.11		405265	1.2998
672X1033EE	70	10	10	57.20		405272	2.0149
672X1090	69	25	25	40.92		405289	1.4285
672X1230	71	25	25	51.70		405296	1.7731
672X1233EE	70	10	10	71.24		405302	3.0547
672X1240	73	25	25	50.87		405319	1.7731
672X1244	71	25	25	51.62		406132	1.9955
672X1270	70	10	10	58.25		497918	1.7832
672X1277	68	10	10	59.20		497901	1.8036
672X1290	69	25	25	50.78		480460	1.5824
672X1297	68	10	10	61.73		498427	1.7832
672X1299	67	25	25	49.56		480224	1.5858
672X4L-1131B3	72	5	5	105.00		405340	3.8130
672XB0242	73	1	10	90.31		499684	1.6998
672XB0342	73	1	10	127.33		499691	2.4035
672XB0442	73	1	10	167.10		499707	3.0666
672XP0480	92	10	10	22.83	✓	412959	0.2759
672XP0490	91	**10**	10	22.83	✓	412454	0.5157
672XP0499	91	**10**	10	23.32	✓	412461	0.6895
672XP0690	91	**10**	10	26.43	✓	412478	0.7183
672XP0698	92	**10**	10	26.72	✓	413130	0.8310
672XP0699	91	**10**	10	26.72	✓	412485	0.7249
672XP0890	91	**10**	10	29.98	✓	412492	0.7889
672XP0899	91	**10**	10	31.03	✓	412508	0.9579
672XV0242	72	1	10	48.10		499714	1.1199
672XV0342	72	1	10	64.84		499721	1.5234
672XV0431PK	72	**5**	5	86.06	✓	480835	1.8586
672XV0442	72	1	10	81.59		499738	2.0055
672XV0490	69	1	10	81.85		405357	2.1130
672XV0490PK	69	**5**	5	82.35	✓	401670	1.9397
672XV0499	68	1	10	83.72		405364	2.1978
672XV0590	69	1	10	100.71		405371	2.5752
672XV0599	68	1	10	102.36		405388	2.6204
672XV0690	69	1	10	119.46		405395	2.9734
672XV0699	68	1	10	121.75		405401	3.1922
672XV0699-2PK	68	**5**	5	122.75	✓	480170	2.7780
672XV0810	73	1	10	151.05		405418	3.4080
672XV0810L	73	1	10	151.05		441737	3.9482
672XV1010	73	1	10	187.23		405425	4.7564
672XV1010L	73	1	10	187.23		441744	4.7564
672XV1210	73	1	4	211.16		405432	6.0507
672XV1210L	73	1	4	211.16		441751	6.1478
672XV1510	73	1	5	280.52		405449	7.3391
672XV1510L	73	1	5	280.52		441768	7.3824
672XV1810	73	1	5	351.66		405456	8.5368
672XV1810L	73	1	5	351.66		441775	8.5368
672XV3L-0431PK	71	**5**	5	90.05	✓	480736	1.9399
672XV4L-11313	72	1	5	256.02		405463	6.1294
675-20242	77	10	10	30.11		499745	0.7055

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
675-20244	78	**10**	10	27.19		405470	0.5344
675-20342	77	10	10	35.22		499752	0.9039
675-20344	78	**10**	10	32.30		405487	0.7307
675-20442	77	10	10	42.73		499769	1.1545
675-20444	78	**10**	10	40.74		405494	0.9269
675-20544	78	**10**	10	49.91		405500	1.1232
675-B20242	78	1	12	89.41		499776	1.6954
675-B20342	78	1	10	126.52		499783	2.3879
675-B20442	78	1	10	160.11		499790	3.1208
675-V20242	77	1	10	50.75		499806	1.1574
675-V20244	77	1	10	47.57		405517	1.1597
675-V20342	77	1	10	68.06		499813	1.6412
675-V20344	77	1	10	65.87		405524	1.9628
675-V20442	77	1	10	85.76		499479	2.0393
675-V20444	77	1	10	84.31		405531	2.0576
675-V20544	77	1	10	101.67		405548	2.5596
677-11	80	1	10	32.86		499844	0.6085
677-116	80	1	10	41.82		495051	0.7360
677-117	80	1	10	49.69		495044	1.0438
67745L-08334	80	1	5	130.71		405555	4.6767
678-20242	76	10	10	18.91		405562	0.4528
678-20342	76	10	10	22.03		405579	0.5670
678-20344	76	10	10	21.01		405586	0.5374
678-20442	76	10	10	24.44		405593	0.7080
678-20644	76	10	10	32.40		405609	1.0808
678-21244	76	10	10	63.41		405616	1.7190
6784L-11313	76	5	5	74.06		405623	3.1345
6795L-12333	78	1	5	156.82		405630	4.6994
6796L-12333	79	1	5	171.61		405647	5.6333
6797L-12333	79	1	4	219.47		405654	7.2400
679X102299	75	10	10	61.94		405661	1.6610
679X152190	75	10	10	30.98		405678	0.9269
679X152199	75	10	10	31.75		405685	0.9269
679X172199	75	10	10	40.03		405692	1.2624
682-L5113	189	25	25	13.25		405715	0.3795
682-L5140	189	25	25	16.42		405722	0.5361
682-M5113	189	25	25	14.35		405739	0.2928
682-M5140	189	25	25	17.52		405746	0.4494
682XL5213	52	25	25	15.77		405753	0.4103
682XL5240	52	**25**	25	17.77		405760	0.5578
682XL5240PK	52	**10**	10	18.27	✓	488046	0.4830
685-C2	159	**20**	20	5.55		497185	0.1073
685-C3	159	**20**	20	7.30		496928	0.1634
685-C4	159	**20**	20	10.55		497024	0.2545
685-C5	159	**10**	10	18.05		497079	0.5275
685-C6	159	**5**	5	25.80		497758	0.6591
685-C7	159	**5**	5	35.35		497314	1.0472
685-P3	175	**20**	20	8.30		497734	0.1850
685-P4	175	**20**	20	11.55		497628	0.2718
685-P5	175	**10**	10	19.05		497512	0.5442
685-P6	175	**5**	5	26.80		497383	0.6743
685-P7	175	**5**	5	36.35		410467	1.0218
689AG2201	141	**12**	12	13.91	✓	413208	0.8952
689AG2211	141	**12**	12	14.34	✓	413215	1.0506
689AG2291	142	**12**	12	14.76	✓	413628	0.8151
689AG3202	141	**12**	12	25.43	✓	413642	1.3081
689AG3212	141	**12**	12	25.86	✓	413659	1.4802
689AG5103	141	**12**	12	46.68	✓	413666	2.0005
689AG5113	141	**12**	12	43.41	✓	413673	2.1684
689C0101	167	**12**	12	9.42	✓	481603	0.8471
689C0111	167	**12**	12	9.85	✓	481559	1.0333
689C0191	168	**12**	12	10.27	✓	402295	1.1371
689C1102	167	**12**	12	16.45	✓	481566	1.1905
689C1112	167	**12**	12	16.88	✓	481610	1.3558
689C3103	168	**12**	12	31.01	✓	481627	1.7680
689C3113	168	**12**	12	31.40	✓	481634	1.9357
689VG2201	97	**12**	12	13.56	✓	413093	0.8564
689VG2211	97	**12**	12	13.99	✓	413161	1.0418
689VG2291	98	**12**	12	14.41	✓	413192	0.8729
689VG3202	97	**12**	12	24.73	✓	413178	1.2191
689VG3212	97	**12**	12	25.16	✓	413185	1.3769
689WG2201	117	**12**	12	11.46	✓	408327	0.8120
689WG2211	117	**12**	12	11.89	✓	408334	1.0218
689WG2291	118	**12**	12	12.31	✓	408341	0.7496
689WG3202	117	**12**	12	20.53	✓	408358	1.2634
689WG3212	117	**12**	12	20.96	✓	408365	1.4207
689WG5103	117	**12**	12	42.36	✓	408426	1.8165
689WG5113	117	**12**	12	42.75	✓	408433	1.9258
689X2101	63	**12**	12	7.39	✓	481658	0.6917
689X2111	63	**12**	12	7.82	✓	481665	0.9038
689X2201	63	**12**	12	8.02	✓	481672	0.8454
689X2211	63	**12**	12	8.45	✓	407580	0.9354
689X2291	64	**12**	12	8.87	✓	401953	0.7113
689X3102	63	**12**	12	12.39	✓	483652	0.9350
689X3112	63	**12**	12	12.82	✓	481993	1.2398
689X3202	63	**12**	12	13.65	✓	481986	1.0100
689X3212	63	**12**	12	14.08	✓	481979	1.3162
689X5103	64	**12**	12	25.14	✓	481962	1.5278
689X5113	64	**12**	12	25.53	✓	481955	1.6321
690-0145	203	1	9	119.19	✓	482723	4.3878
690-0175	203	1	1	133.87	✓	407801	4.8833
690-2045	203	1	1	119.19	✓	482730	4.3260
690-2075	203	1	9	133.87	✓	407818	4.7778
690-3045	215	1	1	140.11	✓	482747	4.2689
690-3075	215	1	1	154.79	✓	407825	4.7722
690-4045	203	1	1	184.98	✓	482754	4.4820
690-5055	203	1	1	184.98	✓	482761	4.5290
690C0145	169	1	1	135.28	✓	408136	4.2500
690C0175	169	1	1	149.96	✓	408976	5.1380
690C4045	169	1	1	201.07	✓	408150	4.3650
690X0145	65	1	1	133.49	✓	408174	4.4806
690X0175	65	1	1	148.18	✓	408969	44.6400
690X4045	65	1	1	199.28	✓	408198	4.1050
692-1308	201	25	25	23.87		405807	0.5756
693-01024102	166	**12**	12	54.83	✓	405814	2.3871
693-01124101	62	**12**	12	51.75	✓	497093	2.6583
693-01155104	62	**12**	12	35.47	✓	497321	2.5897
693-01226108	202	**12**	12	55.90	✓	411181	2.8839
693-01226301	202	**12**	12	64.20	✓	498182	3.3413
693-01724101	116	**12**	12	60.53	✓	407610	2.6600
693-01755104	116	**12**	12	43.73	✓	402370	2.4010
693-01815104	96	**12.**	12	44.25	✓	407009	2.3987
693-01815304	96	**12**	12	52.98	✓	412805	2.3840
693-01824101	96	**12.**	12	61.51	✓	406040	2.7516
693-01915104	140	**12.**	12	46.47	✓	404855	2.4383
693-01924101	140	**12.**	12	63.45	✓	404503	2.8129
693-02016307	166	**12**	12	63.94	✓	409539	2.3000
693-02134203	62	**12**	12	67.35	✓	498762	4.2122
693-03124203	62	**12**	12	73.10	✓	498465	3.3417
693-03226107	202	**12**	12	66.76	✓	411198	3.3839
693-03724203	116	**12**	12	81.88	✓	485335	4.1556
693-03824203	96	**12.**	12	81.88	✓	405791	4.0093
693-03924203	140	**12.**	12	83.82	✓	403896	4.0706
693-06024203	166	**12**	12	72.95	✓	405845	3.5917
693-12213203	202	**12**	12	55.10	✓	495723	3.0292
693-13032303	166	**12**	12	30.64	✓	495976	1.8542
693-13155301	62	**12**	12	50.69	✓	495488	3.3162
693-13755301	116	**12**	12	58.95	✓	411310	3.2962
693-13815301	96	**12.**	12	59.47	✓	405784	3.4017
693-13915301	140	**12.**	12	61.69	✓	402967	3.4414
693-16713203	116	**12**	12	63.28	✓	496980	3.9523
693-16913203	140	**12.**	12	66.02	✓	405777	3.6124
693-32234403	202	**12**	12	75.10	✓	496904	4.4248
693-32434403	166	**12**	12	73.20	✓	495556	3.0833
694-G21012091	203	**10**	10	89.90	✓	413369	1.4818
694-G21012391	203	**10**	10	94.27	✓	413376	1.7098
694-G211120	203	**10**	10	59.76	✓	413345	0.6120
694-G211123	203	**10**	10	68.50	✓	414298	1.0678
694-G221224	203	**10**	10	89.92	✓	414304	2.8819
694-G858520	203	**10**	10	97.92	✓	414311	0.0969
694-G868620	203	**10**	10	110.10	✓	414328	0.0969
694AG32012091	142	**10.**	10	112.11	✓	407641	1.9305
694AG32012093	142	**10.**	10	110.13	✓	408204	1.7567
694AG32012391	142	**10.**	10	120.85	✓	407665	3.3000
694AG321220	142	**10.**	10	84.11	✓	407962	1.0622
694AG321223	142	**10.**	10	92.85	✓	407658	1.5406
694CG33012091	169	**10**	10	101.57	✓	412171	2.6170
694CG33012093	169	**10**	10	99.59	✓	412188	2.4860

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Numerical Index

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
694CG33012391	169	**10**	10	110.31	✓	412195	3.3021
694CG331220	169	**10**	10	76.23	✓	412317	2.1997
694CG36012094	169	**10**	10	104.86	✓	412201	2.9653
694CG361520	169	**10**	10	82.29	✓	412324	2.5516
694VG72032091	98	10	10	105.76	✓	408259	1.7440
694VG72032093	98	10.	10	103.78	✓	410191	1.5702
694VG72032391	98	10.	10	114.50	✓	409058	2.2243
694VG727820	98	10.	10	79.11	✓	410108	2.4202
694VG727823	98	10.	10	87.85	✓	408303	2.8987
694WG71022091	118	10.	10	101.48	✓	410245	1.8186
694WG71022093	118	10.	10	99.50	✓	413239	1.6448
694WG71022391	118	10.	10	110.22	✓	410276	2.2989
694WG717720	118	10.	10	74.83	✓	413222	2.5803
694WG717723	118	10.	10	83.57	✓	410252	3.0587
694XG32012091	65	10	10	95.77	✓	406675	2.7754
694XG32012093	65	10	10	93.79	✓	413079	2.7000
694XG32012391	65	10	10	104.51	✓	413055	3.2364
694XG322120	65	10	10	69.12	✓	413062	2.3152
694XG322123	65	10	10	77.86	✓	413031	2.7713
695-01	234	1	24	69.10	✓	109002	1.3595
695-2A	236	1	10	15.00		309280	0.3694
695-2P	236	1	10	15.00		309297	0.4654
695-3A	236	1	10	17.00		309303	0.7254
695-3P	236	1	10	17.00		309310	0.8730
695-4A	236	1	10	20.00		309327	0.9508
695-4P	236	1	10	20.00		309334	1.3308
695-D20	235	1	16	22.72		109019	0.6540
695-D30	235	1	16	24.72		109026	0.7493
695-D40	235	1	16	27.22		109033	0.4628
695-D432	235	1	16	27.22		109040	0.4628
695-D432F	235	1	10	45.22		105042	0.8392
695-D4325	235	1	16	27.22		109057	0.4628
695-ER05	237	1	1	1175.00		412577	9.7800
695-ER10	237	1	1	1275.00		412584	11.5600
695-ER15	237	1	1	1375.00		412591	16.3400
695-ER20	237	1	1	1500.00		412607	17.6200
695-ER30	237	1	1	1530.00		412614	19.1800
695-ES01	238	1	1	253.00		412676	3.0000
695-ES05	237	1	1	1130.00		412621	7.2300
695-ES10	237	1	1	1230.00		412638	8.7600
695-ES15	237	1	1	1330.00		412645	9.5400
695-ES20	237	1	1	1430.00		412652	10.8200
695-ES30	237	1	1	1475.00		412669	12.3800
695-Y52	235	1	10	41.50		109064	0.4941
696-1	254	**10**	10	5.00		109071	0.4322
696-1000AF	245	10	10	25.08	✓	109088	1.2489
696-1000AR	245	10	10	23.08	✓	109095	1.2026
696-1000CF	245	10	10	19.63	✓	109101	1.2000
696-1000CFS	245	10	10	26.63	✓	110336	1.1413
696-1000CR	245	10	10	17.63	✓	109118	1.0582
696-1000MF	245	10	10	19.33	✓	109149	1.2000
696-1000MFPK4	245	5	5	26.08	✓	109743	1.2000
696-1000MFS	245	10	10	26.33	✓	110343	1.6645
696-1000MR	245	10	10	17.33	✓	109156	0.9184
696-1000VF	245	10	10	22.48	✓	154200	1.3073
696-1000WF	245	10	10	21.08	✓	109163	1.3000
696-1000WR	245	10	10	19.08	✓	109170	1.1442
696-1000XF	245	10	10	19.88	✓	109187	1.1670
696-1000XFS	245	10	10	26.88	✓	110350	1.4713
696-1000XR	245	10	10	17.88	✓	109194	1.1000
696-1001AF	248	10	10	25.08	✓	153432	1.3132
696-1001CF	248	10	10	19.63	✓	110008	1.2295
696-1001MF	248	10	10	19.33	✓	110015	1.3132
696-1001WF	248	10	10	21.08	✓	110022	1.2941
696-1001XF	248	10	10	19.88	✓	110039	1.2956
696-1010AF	246	10	10	41.58	✓	109200	1.4972
696-1010AR	246	10	10	39.58	✓	109217	0.9192
696-1010CF	246	10	10	36.13	✓	109224	1.3550
696-1010CFS	246	10	10	43.13	✓	110367	1.4717
696-1010CR	246	10	10	34.13	✓	109231	1.2743
696-1010CR26	246	10	10	34.63	✓	109903	1.0083
696-1010MF	246	10	10	35.83	✓	109262	1.4032
696-1010MFPK4	246	5	5	42.58	✓	154132	1.1768
696-1010MFS	246	10	10	42.83	✓	110374	1.4717
696-1010MR	246	10	10	33.83	✓	109279	1.3184
696-1010MR26	246	10	10	34.33	✓	109910	1.3184
696-1010VF	246	10	10	38.98	✓	154170	1.5080
696-1010WF	246	10	10	37.58	✓	109286	1.3920
696-1010WR	246	10	10	35.58	✓	109293	1.3625
696-1010XF	246	10	10	36.38	✓	109309	1.3042
696-1010XFS	246	10	10	43.38	✓	110381	1.4717
696-1010XR	246	10	10	34.38	✓	109316	1.3129
696-1010XR26	246	10	10	34.88	✓	109927	1.3129
696-1011AF	248	10	10	41.58	✓	153449	1.4838
696-1011CF	248	10	10	36.13	✓	110046	1.3580
696-1011MF	248	10	10	35.83	✓	110053	1.4838
696-1011WF	248	10	10	37.58	✓	110060	1.5014
696-1011XF	248	10	10	36.38	✓	110077	1.4264
696-1020GF	252	6	6	27.75	✓	154354	1.6133
696-1021GF	252	6	6	30.25	✓	154361	1.6133
696-1031GF	252	6	6	33.40	✓	154378	2.0762
696-11A	255	1	6	29.50	✓	100665	0.8133
696-11P	255	1	6	29.50	✓	100672	0.9167
696-12A	255	1	6	30.50	✓	100689	0.8167
696-12P	255	1	6	30.50	✓	100696	0.8750
696-1F	254	**10**	10	2.00		109323	0.1418
696-2	254	**10**	10	5.00		109330	0.4211
696-2001AF	247	10	10	45.19	✓	154125	1.9002
696-2001CF	247	10	10	34.29	✓	153555	1.7349
696-2001CR	247	10	10	32.29	✓	153777	1.5576
696-2001MF	247	10	10	33.69	✓	153562	1.8442
696-2001MR	247	10	10	31.69	✓	153784	1.7295
696-2001WF	247	10	10	37.19	✓	153579	1.9029
696-2001XF	247	10	10	34.79	✓	153586	1.8210
696-2001XR	247	10	10	32.79	✓	153807	1.7499
696-2011CF	247	10	10	61.29	✓	153593	2.0704
696-2011MF	247	10	10	60.69	✓	153609	2.2866
696-2011WF	247	10	10	64.19	✓	153616	2.3160
696-2011XF	247	10	10	61.79	✓	153623	2.2138
696-2303AF	243	10	10	46.21	✓	109347	2.5628
696-2303AR	243	10	10	43.71	✓	109354	1.7262
696-2303CF	243	10	10	35.31	✓	109361	2.2160
696-2303CFPK4	243	4	4	42.06	✓	153999	2.8148
696-2303CR	243	10	10	32.81	✓	109378	2.0660
696-2303MF	243	10	10	34.71	✓	109408	2.4140
696-2303MFPK4	243	4	4	41.46	✓	109736	2.9250
696-2303MR	243	10	10	32.21	✓	109415	1.7263
696-2303VF	243	10	10	41.01	✓	154187	2.6241
696-2303WF	243	10	10	38.21	✓	109422	2.5000
696-2303WR	243	10	10	35.71	✓	109439	2.2891
696-2303XF	243	10	10	35.81	✓	109446	2.4080
696-2303XFPK4	243	4	4	42.56	✓	153982	2.9661
696-2303XR	243	10	10	33.31	✓	109453	2.2758
696-2313AF	244	10	10	73.21	✓	109460	2.9080
696-2313AR	244	10	10	70.71	✓	109477	1.7597
696-2313CF	244	10	10	62.31	✓	109484	2.6600
696-2313CFPK4	244	4	4	69.06	✓	153968	2.8047
696-2313CR	244	10	10	59.81	✓	109491	2.4985
696-2313CR26	244	10	10	60.31	✓	109934	2.4985
696-2313MF	244	10	10	61.71	✓	109521	2.7840
696-2313MFPK4	244	4	4	68.46	✓	153951	3.3789
696-2313MR	244	10	10	59.21	✓	109538	2.6624
696-2313MR26	244	10	10	59.71	✓	109941	2.6624
696-2313VF	244	10	10	68.01	✓	154194	3.4542
696-2313WF	244	10	10	65.21	✓	109545	2.8000
696-2313WR	244	10	10	62.71	✓	109552	2.7624
696-2313XF	244	10	10	62.81	✓	109569	2.7900
696-2313XFPK4	244	4	4	69.56	✓	153975	3.3554
696-2313XR	244	10	10	60.31	✓	109576	2.6504
696-2313XR26	244	10	10	60.81	✓	109958	2.6504
696-2323MF	243	10	10	69.79	✓	110213	3.3033
696-2403CF	253	10	10	33.31		410917	1.7000
696-2403MF	253	10	10	32.71		100856	1.8849
696-2403WF	253	10	10	36.21		100870	1.8355
696-2403XF	253	10	10	33.81		410924	1.9400
696-2413CF	253	10	10	60.31		410634	1.7000
696-2413MF	253	10	10	59.71		101099	1.7128
696-2413WF	253	10	10	63.21		101105	1.7393

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
696-2413XF	253	10	10	60.81		410641	1.9400
696-2F	254	**10**	10	2.50		109583	0.2495
696-3	254	**10**	10	5.00		109590	0.4529
696-3F	254	10	10	7.00		109132	0.5534
696-5	254	**10**	10	5.00		154415	0.4142
696-6	254	**10**	10	5.00		154422	0.4082
696-7	254	**10**	10	5.00		154439	0.4042
696-BC	254	**10**	10	2.50		109606	0.2785
696-C0	256	**10**	10	0.80		154248	0.0175
696-C1	256	**10**	10	1.60		154255	0.0419
696-C3	256	**10**	10	4.20		154262	0.1574
696-CF	255	**10**	10	6.50	✓	109972	0.1882
696-EX	254	10	10	3.25		110312	0.0987
696-G1000CF	245	10	10	35.63	✓	100009	1.2000
696-G1000CR	245	10	10	33.63	✓	412409	1.1300
696-G1000MF	245	10	10	35.33	✓	100016	1.2000
696-G1000MFPK4	245	5	5	42.08	✓	137128	1.2000
696-G1000MR	245	10	10	33.33	✓	412416	1.2001
696-G1000WF	245	10	10	37.08	✓	100023	1.3000
696-G1000XF	245	10	10	35.88	✓	100030	1.1670
696-G1000XR	245	10	10	33.88	✓	412423	1.1560
696-G1001CF	248	10	10	35.63	✓	100047	1.2295
696-G1001MF	248	10	10	35.33	✓	100054	1.3132
696-G1001WF	248	10	10	37.08	✓	100061	1.2941
696-G1001XF	248	10	10	35.88	✓	100078	1.2956
696-G1010CF	246	10	10	53.13	✓	100085	1.3550
696-G1010CR	246	10	10	51.13	✓	700094	1.3120
696-G1010MF	246	10	10	52.83	✓	100092	1.4032
696-G1010MFPK4	246	5	5	59.58	✓	100108	1.1768
696-G1010MR	246	10	10	50.83	✓	412331	1.3184
696-G1010WF	246	10	10	54.58	✓	100115	1.3920
696-G1010XF	246	10	10	53.38	✓	100122	1.3042
696-G1010XFPK4	246	5	5	60.13	✓	100863	1.7130
696-G1010XR	246	10	10	51.38	✓	412430	1.3974
696-G1011CF	248	10	10	53.13	✓	100139	1.3580
696-G1011MF	248	10	10	52.83	✓	100146	1.4838
696-G1011WF	248	10	10	54.58	✓	100153	1.5014
696-G1011XF	248	10	10	53.38	✓	100160	1.4264
696-G2001CF	247	10	10	65.29	✓	100177	1.7349
696-G2001MF	247	10	10	64.69	✓	100184	1.8442
696-G2001WF	247	10	10	68.19	✓	100191	1.8230
696-G2001XF	247	10	10	65.79	✓	100207	1.8210
696-G2011CF	247	10	10	94.29	✓	100214	2.0704
696-G2011MF	247	10	10	93.69	✓	100221	2.2866
696-G2011WF	247	10	10	97.19	✓	100238	2.3160
696-G2011XF	247	10	10	94.79	✓	100245	2.2138
696-G2303CF	243	10	10	66.31	✓	100252	2.2160
696-G2303CFPK4	243	4	4	73.06	✓	100269	2.8148
696-G2303MF	243	10	10	65.71	✓	100276	2.4140
696-G2303MFPK4	243	4	4	72.46	✓	100283	2.9250
696-G2303WF	243	10	10	69.21	✓	100290	2.5000
696-G2303XF	243	10	10	66.81	✓	100306	2.4080
696-G2303XFPK4	243	4	4	73.56	✓	100313	2.9661
696-G2313CF	244	10	10	95.31	✓	100320	2.6600
696-G2313CFPK4	244	4	4	102.06	✓	100337	2.8047
696-G2313CR	244	10	10	92.81	✓	700100	2.5480
696-G2313MF	244	10	10	94.71	✓	100344	2.7840
696-G2313MFPK4	244	4	4	101.46	✓	100351	3.3789
696-G2313WF	244	10	10	98.21	✓	100368	2.8000
696-G2313XF	244	10	10	95.81	✓	100375	2.7900
696-G2313XFPK4	244	4	4	102.56	✓	100382	3.3554
696-GLVC0	257	**10**	10	38.40		100795	0.7245
696-GLVC0W	257	**10**	10	40.15		100801	0.7150
696-GLVH1	257	**10**	10	39.75		100771	0.7017
696-GLVH1C	257	**10**	10	38.70		100764	0.6520
696-GLVH1W	257	**10**	10	41.50		700025	0.7210
696-GLVH2	257	**10**	10	39.75		100788	0.7017
696-GLVH2C	257	**10**	10	38.70		700032	0.6450
696-GLVH2W	257	**10**	10	41.50		700049	0.7150
696-LC	254	10	10	4.00		153470	0.0951
696-LVH1	257	**10**	10	22.75		700056	0.6895
696-LVH1W	257	**10**	10	24.50		700063	0.7149
696-LVH2	257	10	10	22.75		700070	0.6895
696-LVH2W	257	10	10	24.50		700087	0.7247
696-PN	256	**50**	50	0.30		109798	0.0092
696-SC	254	**10**	10	4.00		153487	0.0926
696-SC1	254	10	10	5.50		101044	0.0775
696R1000AF	250	10	10	69.30	✓	106810	1.4894
696R1000CF	250	10	10	63.85	✓	110091	1.1869
696R1000MF	250	10	10	63.55	✓	110114	1.1869
696R1000VF	250	10	10	66.70	✓	100849	1.1869
696R1000WF	250	10	10	65.30	✓	110121	1.1869
696R1000XF	250	10	10	64.10	✓	110138	1.1869
696R1001AF	252	10	10	69.30	✓	410900	1.4997
696R1001CF	252	10	10	63.85	✓	106322	1.3946
696R1001MF	252	10	10	63.55	✓	154279	1.3946
696R1001XF	252	10	10	64.10	✓	154293	1.3946
696R1010AF	251	10	10	85.80	✓	100733	1.6639
696R1010CF	251	10	10	80.35	✓	110152	1.3636
696R1010MF	251	10	10	80.05	✓	110329	1.6300
696R1010VF	251	10	10	83.20	✓	700018	1.5080
696R1010WF	251	10	10	81.80	✓	110176	1.1873
696R1010XF	251	10	10	80.60	✓	110183	1.1873
696R1020GF	252	10	10	71.97	✓	154385	1.4511
696R1021GF	252	10	10	74.47	✓	154392	1.8168
696R1031GF	252	10	10	77.62	✓	154408	2.1842
696R2001AF	251	10	10	89.41	✓	410894	2.0974
696R2001CF	251	10	10	78.51	✓	106339	1.8717
696R2001MF	251	10	10	77.91	✓	154286	1.8717
696R2001WF	251	10	10	81.41	✓	154163	1.9591
696R2001XF	251	10	10	79.01	✓	154309	1.8717
696R2011CF	251	10	10	105.51	✓	154149	2.0252
696R2303AF	249	10	10	90.43	✓	100726	2.9023
696R2303CF	249	10	10	79.53	✓	110206	2.2147
696R2303MF	249	10	10	78.93	✓	110220	2.8750
696R2303WF	249	10	10	82.43	✓	110237	2.2147
696R2303XF	249	10	10	80.03	✓	110244	2.8375
696R2313AF	250	10	10	117.43	✓	110251	2.2476
696R2313CF	250	10	10	106.53	✓	110268	2.8233
696R2313MF	250	10	10	105.93	✓	110282	3.1837
696R2313VF	250	10	10	112.23	✓	700001	3.4542
696R2313WF	250	10	10	109.43	✓	110299	3.2558
696R2313XF	250	10	10	107.03	✓	110305	3.2058
696R3	254	10	10	47.22		153500	0.9906
696RG1000CF	250	10	10	79.85	✓	100399	1.1869
696RG1000MF	250	10	10	79.55	✓	100405	1.1869
696RG1000WF	250	10	10	81.30	✓	100412	1.3760
696RG1000XF	250	10	10	80.10	✓	100429	1.1869
696RG1001CF	252	10	10	79.85	✓	100436	1.3946
696RG1001MF	252	10	10	79.55	✓	100443	1.3946
696RG1001XF	252	10	10	80.10	✓	100450	1.3946
696RG1010CF	251	10	10	97.35	✓	100467	1.3636
696RG1010MF	251	10	10	97.05	✓	100474	1.1873
696RG1010WF	251	10	10	98.80	✓	100481	1.1873
696RG1010XF	251	10	10	97.60	✓	100498	1.1873
696RG2001CF	251	10	10	109.51	✓	100528	1.8717
696RG2001MF	251	10	10	108.91	✓	100535	1.8717
696RG2001WF	251	10	10	112.41	✓	100542	1.9591
696RG2001XF	251	10	10	110.01	✓	100559	1.8717
696RG2303CF	249	10	10	110.53	✓	100566	2.2147
696RG2303MF	249	10	10	109.93	✓	100573	2.8750
696RG2303WF	249	10	10	113.43	✓	100580	2.2147
696RG2303XF	249	10	10	111.03	✓	100597	2.8375
696RG2313CF	250	10	10	139.53	✓	100603	2.8233
696RG2313MF	250	10	10	138.93	✓	100610	3.1837
696RG2313WF	250	10	10	142.43	✓	100627	3.2558
696RG2313XF	250	10	10	140.03	✓	100634	3.2058
697-2003CF	256	10	10	61.10		100900	2.3414
697-2003MF	256	10	10	60.50		410993	2.5290
697-2003WF	256	10	10	64.00		411013	2.4370
697-2003XF	256	10	10	61.60		411006	2.4150
697-2013CF	256	10	10	88.10		100917	1.9165
697-2013MF	256	10	10	87.50		411020	2.9050
697-2013WF	256	10	10	91.00		411044	2.9220
697-2013XF	256	10	10	88.60		411037	2.8250
697-G1000CF	256	10	10	61.80		101112	1.9162
697-G1000MF	256	10	10	61.50		411051	1.9980
697-G1000WF	256	10	10	63.25		411075	1.9460

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
697-G1000XF	256	10	10	62.05		411068	0.7949
697-G1010CF	256	10	10	78.30		101129	1.9162
697-G1010MF	256	10	10	78.00		411082	2.1880
697-G1010WF	256	10	10	79.75		411105	2.1780
697-G1010XF	256	10	10	78.55		411099	2.1390
697-G2001CF	256	10	10	82.60		100511	2.3780
697-G2001MF	256	10	10	82.00		100818	2.4458
697-G2001WF	256	10	10	85.50		100825	2.5416
697-G2001XF	256	10	10	83.10		100832	2.4400
697-G2011CF	256	10	10	148.15		100924	2.3529
697-G2011MF	256	10	10	147.55		100931	2.5096
697-G2011WF	256	10	10	151.05		100948	2.4940
697-G2011XF	256	10	10	148.65		100955	2.4239
800-A	376	**12**	12	21.75	✓	300102	2.1502
800-ABW	376	12	12	29.00	✓	300133	2.2107
800-AIR	376	1	2	40.00	✓	375063	4.2985
800-ANQ	376	1	2	85.00	✓	375094	5.2478
800-ANR	376	1	2	60.00	✓	356208	4.9642
800-APK	376	3	3	23.20	✓	300102	2.3985
800-ASQ	376	1	2	85.00	✓	310118	5.2500
800-ASR	376	1	2	60.00	✓	310125	3.7704
800-P	376	**12**	12	21.75	✓	300089	2.7111
800-PBW	376	12	12	29.00	✓	300157	2.8021
800-PIR	376	1	2	40.00	✓	375087	4.8594
800-PNQ	376	1	2	85.00	✓	375148	3.3687
800-PNR	376	1	2	60.00	✓	306760	5.7168
800-PPK	376	3	3	23.20	✓	300089	3.0578
800-PSQ	376	1	2	85.00	✓	310132	5.2950
800-PSR	376	1	2	60.00	✓	310149	4.1250
801-A	401	1	25	5.00	✓	300096	0.3290
801-A2	401	1	25	5.00	✓	380180	0.2293
801-A2PK	401	10	10	5.27	✓	380180	0.2224
801-APK	401	10	10	5.27	✓	300348	0.3075
801-DR2	359	1	10	20.75	✓	380173	1.5251
801-NQ2	359	1	10	65.75	✓	380166	2.4745
801-NR2	359	1	10	40.75	✓	380197	1.3047
801-P	401	1	25	5.00	✓	300126	0.3340
801-P2	401	1	25	5.00	✓	380159	0.2293
801-P2PK	401	10	10	5.27	✓	380159	0.2224
801-PG2	401	1	25	5.00	✓	309273	0.2256
801-PG2PK	401	10	10	5.27	✓	308917	0.2187
801-PPK	401	10	10	5.27	✓	300324	0.3121
801-SQ2	359	1	10	65.75	✓	309204	2.3700
801-SR2	359	1	10	40.75	✓	309198	1.1780
802-7	376	12	12	6.00	✓	300027	0.1261
803-2PK2	394	12	12	37.00	✓	300058	0.2423
803-3PK2	394	12	12	24.25	✓	300065	0.5934
803-4PK2	394	12	12	28.50	✓	300072	1.0860
821-200A	367	**20**	20	10.25	✓	300140	1.0113
821-200ACQ	368	1	5	57.50	✓	312280	1.9600
821-200ACR	368	5	5	47.50	✓	312273	1.7000
821-200ANQ	368	1	5	47.50	✓	356376	1.7308
821-200ANR	368	5	5	37.50	✓	301932	1.5504
821-200APK	367	8	8	10.75	✓	301642	1.0838
821-200ARBQ	368	1	5	77.50	✓	352316	1.7620
821-200ARBR	368	1	5	67.50	✓	352323	1.5616
821-200ASQ	368	1	5	47.50	✓	307378	1.9600
821-200ASR	368	5	5	37.50	✓	307385	1.7000
821-200P	367	20	20	10.25	✓	300171	1.2307
821-200PCQ	368	1	5	57.50	✓	312266	2.0900
821-200PCR	368	5	5	47.50	✓	312242	1.1800
821-200PNQ	368	1	5	47.50	✓	301963	1.8750
821-200PNR	368	5	5	37.50	✓	301925	1.7604
821-200PPK	367	8	8	10.75	✓	301604	1.2185
821-200PRBQ	368	1	5	77.50	✓	352330	1.9400
821-200PRBR	368	1	5	67.50	✓	352347	1.7749
821-200PSQ	368	1	5	47.50	✓	307392	2.0900
821-200PSR	368	5	5	37.50	✓	307422	1.8500
821-2080A	367	20	20	11.25	✓	300225	1.0636
821-2080P	367	20	20	11.25	✓	300232	1.2435
821-270A	367	20	20	9.75	✓	351562	1.0864
821-270P	367	20	20	9.75	✓	300249	1.2778
821-2780A	367	1	10	10.75	✓	300256	1.1915
821-2780P	367	1	10	10.75	✓	300263	1.3172
821-280A	367	20	20	10.75	✓	352378	1.1264
821-280P	367	20	20	10.75	✓	300300	1.2191
821-2A	367	20	20	9.75	✓	300416	1.0033
821-2ACP	369	1	5	35.00	✓	300331	1.6870
821-2APK	367	8	8	10.25	✓	378323	1.0525
821-2AQCP	369	1	5	40.00	✓	381200	1.9300
821-2AQRB	369	1	5	60.00	✓	309617	1.8420
821-2ARB	369	1	5	55.00	✓	309624	1.6790
821-2IFS	371	4	4	25.50	✓	375223	4.0500
821-2INS	371	1	4	30.50	✓	378309	4.5048
821-2P	367	20	20	9.75	✓	300355	1.2787
821-2PCP	369	1	5	35.00	✓	300379	1.7490
821-2PPK	367	8	8	10.25	✓	378330	1.3073
821-2PQCP	369	1	5	40.00	✓	381194	2.0500
821-2PQRB	369	1	5	60.00	✓	309631	1.9880
821-2PRB	369	1	5	55.00	✓	309648	1.7670
821-2QARB	368	5	5	14.45	✓	313140	0.2923
821-2QAS	368	5	5	4.95	✓	313010	0.3040
821-2QASN	368	5	5	14.45	✓	313027	0.3440
821-2RB	400	1	100	13.00	✓	300522	0.1753
821-2S	400	1	100	3.00	✓	300393	0.2219
821-2SCQ	400	1	10	47.50	✓	312730	0.9600
821-2SCR	400	1	10	37.50	✓	312747	0.7100
821-2SN	400	1	10	17.50	✓	351586	0.5264
821-2SNQ	400	1	10	38.50	✓	376503	1.2420
821-2SNRPK1	400	6	6	28.50	✓	315427	0.8831
821-2SP	400	1	100	9.50	✓	300409	0.2433
821-2SPK1	400	10	10	4.20	✓	300904	0.2490
821-2SRB	400	1	10	47.50	✓	315434	0.5264
821-2SRBQ	400	1	10	68.50	✓	373731	2.1381
821-2SRBRPK1	400	6	6	58.50	✓	315441	0.8833
821-2SS	400	1	10	17.50	✓	309921	0.4150
821-2SSQ	400	1	10	38.50	✓	309914	0.9619
821-2SSR	400	1	10	28.50	✓	309907	0.7120
821-2SW	400	1	100	8.50	✓	300942	0.1629
821-HCP	369	1	5	27.00	✓	351609	0.9195
821-HPR	371	1	10	13.25	✓	379764	0.1252
821-HQCP	369	1	5	32.00	✓	308979	0.9195
821-HSQ	371	1	10	6.25	✓	379771	0.0876
821-HSR	371	1	10	6.75	✓	379757	0.1126
821-T200A	366	10	10	10.25	✓	380951	1.0637
821-T200ACQ	366	1	5	57.50	✓	312433	2.0100
821-T200ACR	366	5	5	47.50	✓	312402	1.7500
821-T200ANQ	366	1	5	47.50	✓	380968	2.3821
821-T200ANR	366	5	5	37.50	✓	380975	1.8832
821-T200ARBQ	366	1	5	77.50	✓	380982	3.2613
821-T200ARBR	366	1	5	67.50	✓	380999	1.8650
821-T200ASQ	366	1	5	47.50	✓	310262	2.0050
821-T200ASR	366	5	5	37.50	✓	310279	1.7480
821-T200P	366	10	10	10.25	✓	381002	1.3700
821-T200PCQ	366	1	5	57.50	✓	312440	2.1500
821-T200PCR	366	5	5	47.50	✓	312457	1.9000
821-T200PNQ	366	5	5	47.50	✓	381019	2.3635
821-T200PNR	366	5	5	37.50	✓	381026	1.8645
821-T200PRBQ	366	1	5	77.50	✓	381033	3.2427
821-T200PRBR	366	1	5	67.50	✓	381040	1.6747
821-T200PSQ	366	1	5	47.50	✓	310286	2.1500
821-T200PSR	366	5	5	37.50	✓	310293	1.8960
821-T2080A	366	20	20	11.25	✓	381057	1.1854
821-T2080P	366	20	20	11.25	✓	381064	1.1621
821-T270A	366	10	10	9.75	✓	381071	0.9517
821-T270P	366	10	10	9.75	✓	381088	1.3134
821-T2780A	366	10	10	10.75	✓	381095	1.3363
821-T2780P	366	10	10	10.75	✓	381101	1.3176
821-T280A	366	10	10	10.75	✓	381118	1.2408
821-T280P	366	10	10	10.75	✓	381125	1.3019
821-T2A	366	10	10	9.75	✓	381231	1.1910
821-T2ACP	366	5	5	35.00	✓	381132	1.8517
821-T2AQCP	366	5	5	40.00	✓	381149	1.9800
821-T2AQRB	366	5	5	60.00	✓	309655	1.9940
821-T2ARB	366	5	5	55.00	✓	309662	1.7910
821-T2P	366	10	10	9.75	✓	381156	1.3200
821-T2PCP	366	5	5	35.00	✓	381163	1.8331
821-T2PQCP	366	5	5	40.00	✓	381170	2.1400

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
821-T2PQRB	366	5	5	60.00	✓	309679	2.1120
821-T2PRB	366	5	5	55.00	✓	309686	1.9300
821-TP	366	10	10	2.50	✓	381187	0.0229
822-2AF	328	1	1	38.00		379146	1.7645
822-2ANQ	328	1	4	70.00		305640	3.7981
822-2ANR	328	1	4	55.00		300621	3.0931
822-2AS	328	1	4	32.50		301413	2.2373
822-2ASQ	328	1	4	70.00		307439	3.4531
822-2ASR	328	1	4	55.00		307446	2.8531
822-2DF	327	1	1	53.75		381361	7.0875
822-2DNQ	327	1	4	100.00		381330	7.9125
822-2DNR	327	1	4	85.00		381316	6.9000
822-2DSQ	327	1	4	100.00		307453	7.6619
822-2DSR	327	1	4	85.00		307460	7.0125
822-2PF	328	1	4	38.00		379139	2.4138
822-2PNQ	328	1	4	70.00		301796	3.9051
822-2PNR	328	1	4	55.00		304070	3.2001
822-2PS	328	1	4	32.50		304087	2.3443
822-2PSQ	328	1	4	70.00		307477	3.6750
822-2PSR	328	1	4	55.00		307484	2.9601
822-3AF	328	1	1	38.00		379153	2.3048
822-3ANQ	328	1	4	70.00		304865	3.7961
822-3ANR	328	1	4	55.00		304896	3.0911
822-3AS	328	1	4	32.50		304926	2.2353
822-3ASQ	328	1	4	70.00		307491	3.4511
822-3ASR	328	1	4	55.00		307521	2.9000
822-3DF	327	1	1	53.75		381378	6.8250
822-3DNQ	327	1	4	100.00		381323	7.7500
822-3DNR	327	1	4	85.00		381347	7.0375
822-3DSQ	327	1	4	100.00		307538	7.4179
822-3DSR	327	1	4	85.00		307545	6.9500
822-3PF	328	1	4	38.00		379160	2.4191
822-3PNQ	328	1	4	70.00		304957	3.9001
822-3PNR	328	1	4	55.00		305152	2.9916
822-3PS	328	1	4	32.50		305442	2.3393
822-3PSQ	328	1	4	70.00		307552	3.6750
822-3PSR	328	1	4	55.00		307569	3.0375
822-C3AF	347	1	4	43.00	✓	315403	2.6600
822-C3ANQ	347	1	4	95.00	✓	315182	4.9300
822-C3ANR	347	1	1	70.00	✓	379993	4.6262
822-C3ASQ	347	1	4	95.00	✓	315199	4.9300
822-C3ASR	347	1	4	70.00	✓	315205	3.7100
822-C3DF	346	1	1	58.75	✓	315663	7.1900
822-C3DNQ	346	1	4	125.00	✓	315335	8.2900
822-C3DNR	346	1	4	100.00	✓	315298	7.5700
822-C3DSQ	346	1	4	125.00	✓	315373	8.2900
822-C3DSR	346	1	4	100.00	✓	315342	7.5700
822-C3PF	347	1	4	43.00	✓	315458	2.7500
822-C3PNQ	347	1	1	95.00	✓	312082	5.0200
822-C3PNR	347	1	1	70.00	✓	379931	3.7188
822-C3PSQ	347	1	4	95.00	✓	315212	5.0200
822-C3PSR	347	1	4	70.00	✓	315229	3.8400
822-C4AF	347	1	4	50.50	✓	315465	2.7000
822-C4ANQ	347	1	4	112.50	✓	315236	4.9700
822-C4ANR	347	1	1	87.50	✓	377487	3.9960
822-C4ASQ	347	1	4	112.50	✓	315243	4.9700
822-C4ASR	347	1	4	87.50	✓	315250	3.7500
822-C4PF	347	1	4	50.50	✓	315472	2.7900
822-C4PNQ	347	1	4	112.50	✓	315267	5.0600
822-C4PNR	347	1	1	87.50	✓	379344	4.1000
822-C4PSQ	347	1	4	112.50	✓	315274	5.0600
822-C4PSR	347	1	4	87.50	✓	315281	3.8400
822-CF3ANQ	347	1	1	115.00	✓	315519	4.7700
822-CF3ANR	347	1	1	90.00	✓	315526	4.7100
822-CF3ASQ	347	1	1	115.00	✓	315533	4.7700
822-CF3ASR	347	1	1	90.00	✓	315540	4.7100
822-CF3DNQ	346	1	1	142.50	✓	315717	11.3400
822-CF3DNR	346	1	1	117.50	✓	314505	10.7400
822-CF3DSQ	346	1	1	142.50	✓	314857	11.1910
822-CF3DSR	346	1	1	117.50	✓	313546	10.5866
822-CF3PNQ	347	1	1	115.00	✓	315557	4.8200
822-CF3PNR	347	1	1	90.00	✓	313485	5.1335
822-CF3PSQ	347	1	1	115.00	✓	315564	4.8200
822-CF3PSR	347	1	1	90.00	✓	315571	4.8700
822-CF4ANQ	347	1	1	122.50	✓	315588	4.8500
822-CF4ANR	347	1	1	97.50	✓	315595	4.7900
822-CF4ASQ	347	1	1	122.50	✓	315601	4.8500
822-CF4ASR	347	1	1	97.50	✓	315618	4.7900
822-CF4PNQ	347	1	1	122.50	✓	315625	4.9000
822-CF4PNR	347	1	1	97.50	✓	315632	4.8400
822-CF4PSQ	347	1	1	122.50	✓	315649	4.9000
822-CF4PSR	347	1	1	97.50	✓	315656	4.8400
822-EX3	327	1	1	22.50		309792	2.0564
822-F2ANQ	328	1	1	90.00	✓	380272	4.1769
822-F2ANR	328	1	1	75.00	✓	380258	4.2321
822-F2ASQ	328	1	1	90.00	✓	307576	4.1700
822-F2ASR	328	1	1	75.00	✓	307583	3.9921
822-F2DNQ	327	1	1	117.50	✓	381392	11.1500
822-F2DNR	327	1	1	102.50	✓	381385	10.1500
822-F2DSQ	327	1	1	117.50	✓	307590	10.6256
822-F2DSR	327	1	1	102.50	✓	307620	10.0256
822-F2PNQ	328	1	1	90.00	✓	380265	4.1769
822-F2PNR	328	1	1	75.00	✓	380241	3.5789
822-F2PSQ	328	1	1	90.00	✓	307637	3.9389
822-F2PSR	328	1	1	75.00	✓	307644	2.5365
822-F3ANQ	328	1	1	90.00	✓	380333	4.1749
822-F3ANR	328	1	1	75.00	✓	380319	4.2301
822-F3ASQ	328	1	1	90.00	✓	307651	4.1700
822-F3ASR	328	1	1	75.00	✓	307668	3.9901
822-F3DNQ	327	1	1	117.50	✓	381415	10.8000
822-F3DNR	327	1	1	102.50	✓	381408	10.2000
822-F3DSQ	327	1	1	117.50	✓	307675	10.3816
822-F3DSR	327	1	1	102.50	✓	307682	10.0400
822-F3PNQ	328	1	1	90.00	✓	380326	4.2789
822-F3PNR	328	1	1	75.00	✓	380302	4.3341
822-F3PSQ	328	1	1	90.00	✓	307699	4.2600
822-F3PSR	328	1	1	75.00	✓	307705	4.0941
822-TB	328	1	1	15.00		379573	0.1096
823-24PSP	370	1	1	751.75	✓	314789	8.7900
823-24PSS	370	1	1	751.75	✓	314796	8.8050
823-32PSP	370	1	1	912.25	✓	314802	11.8850
823-32PSS	370	1	1	912.25	✓	314819	11.6850
823-40PSP	370	1	1	1072.50	✓	314826	14.5850
823-40PSS	370	1	1	1072.50	✓	314833	14.4950
823-60PSP	370	1	1	1427.00	✓	314840	22.4100
823-60PSS	370	1	1	1427.00	✓	314529	21.8300
823-FK24	370	1	1	109.25	✓	202161	N/A
823-FK32	370	1	1	109.25	✓	202222	N/A
823-FK40	370	1	1	109.25	✓	202253	N/A
823-FK60	370	1	1	140.50	✓	202260	N/A
825-10A	371	20	20	9.25	✓	356246	0.5723
825-10P	371	20	20	9.25	✓	356253	0.7013
825-17A	372	20	20	7.90	✓	356260	0.5826
825-17P	372	20	20	7.90	✓	356277	0.6939
825-1A	371	20	20	8.00	✓	356284	0.5875
825-1P	371	20	20	8.00	✓	356291	0.6989
825-20A	371	20	20	8.00	✓	300423	0.4143
825-20P	371	20	20	8.00	✓	300430	0.5875
825-27A	372	20	20	6.65	✓	300447	0.5173
825-27P	372	20	20	6.65	✓	300454	0.5775
825-2A	371	**20**	20	6.75	✓	300478	0.5215
825-2AFS	372	10	10	10.75	✓	301574	0.7066
825-2APK	371	12	12	7.25	✓	301543	0.6051
825-2P	371	**20**	20	6.75	✓	300492	0.5833
825-2PFS	372	10	10	10.75	✓	301550	0.8280
825-2PPK	371	12	12	7.25	✓	301505	0.5913
825-2SN	400	1	100	13.50	✓	306159	0.1642
826-2A	372	1	20	16.00	✓	301826	0.5193
826-2P	374	1	20	16.00	✓	352231	0.5888
826-2PPK	374	10	10	16.15	✓	301802	0.6226
826-2S	400	1	100	5.00	✓	301840	0.1904
826-2SP	400	1	100	18.50	✓	301864	0.2304
827-2B	373	1	10	21.00	✓	301765	1.5957
827-2BG	373	10	100	1.75		300577	0.0758
827-2J	373	1	6	38.00	✓	302045	2.2107
827-2RB	400	1	100	12.00	✓	374387	0.1554
827-2RBPK1	400	6	6	13.20	✓	315366	0.2183
827-2S	400	1	100	2.50	✓	300645	0.1482

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
827-2SN	400	1	100	12.00	✓	356451	0.1562
827-2SNPK1	400	6	6	13.20	✓	315380	0.2667
827-2SP	400	1	100	8.50	✓	300652	0.1726
827-2SPK1	400	10	10	3.70	✓	301741	0.2040
827-2SPPK1	400	10	10	9.70	✓	301758	0.1990
827-2SWPK1	400	6	6	9.70	✓	315410	0.2751
828-2	373	1	20	8.75		300676	0.6066
828-2PK	373	10	10	9.25	✓	301710	0.6346
829-S2	374	1	20	27.50	✓	300713	0.6506
832-25AF	291	1	10	15.50	✓	305459	1.2149
832-25ANQ	291	1	1	67.50	✓	305466	4.0067
832-25ANR	291	1	1	52.50	✓	305473	3.2705
832-25ASQ	291	1	1	67.50	✓	307712	3.6617
832-25ASR	291	1	1	52.50	✓	307729	3.0000
832-25DF	286	1	1	41.25	✓	381446	5.9950
832-25DNQ	286	1	1	105.00	✓	381484	9.9500
832-25DNR	286	1	1	90.00	✓	381460	9.1500
832-25DSQ	286	1	1	105.00	✓	307736	9.6662
832-25DSR	286	1	1	90.00	✓	307743	8.9000
832-25PF	291	1	10	15.50	✓	306173	1.3700
832-25PNQ	291	1	1	67.50	✓	306180	3.5073
832-25PNR	291	1	1	52.50	✓	306197	2.7711
832-25PSQ	291	1	1	67.50	✓	307750	3.1623
832-25PSR	291	1	1	52.50	✓	307767	3.1500
832-2AF	290	1	10	19.00	✓	377425	1.7364
832-2ANQ	290	1	1	95.50	✓	377418	5.0910
832-2ANR	290	1	1	70.50	✓	377395	3.9370
832-2ASQ	290	1	1	95.50	✓	307774	4.9099
832-2ASR	290	1	1	70.50	✓	307781	3.7000
832-2PF	290	1	10	19.00	✓	376565	2.0409
832-2PNQ	290	1	1	95.50	✓	377401	5.3261
832-2PNR	290	1	1	70.50	✓	376510	4.4345
832-2PSQ	290	1	1	95.50	✓	307798	5.2000
832-2PSR	290	1	1	70.50	✓	307804	4.0000
832-35AF	291	1	10	15.50	✓	306210	1.2129
832-35ANQ	291	1	1	67.50	✓	306227	4.0047
832-35ANR	291	1	1	52.50	✓	306234	3.2685
832-35ASQ	291	1	1	67.50	✓	307811	3.6597
832-35ASR	291	1	1	52.50	✓	307828	3.0285
832-35DF	286	1	1	41.25	✓	381453	6.3735
832-35DNQ	286	1	1	105.00	✓	381491	10.0500
832-35DNR	286	1	1	90.00	✓	381477	9.4000
832-35DSQ	286	1	1	105.00	✓	307835	10.0500
832-35DSR	286	1	1	90.00	✓	307842	8.6500
832-35PF	291	1	10	15.50	✓	306241	1.3413
832-35PNQ	291	1	1	67.50	✓	306258	4.1087
832-35PNR	291	1	1	52.50	✓	306272	3.3725
832-35PSQ	291	1	1	67.50	✓	307859	3.7637
832-35PSR	291	1	1	52.50	✓	307866	3.3700
832-36AF	290	1	10	19.00	✓	374677	1.4364
832-36ANQ	290	1	1	95.50	✓	374806	4.8811
832-36ANR	290	1	1	70.50	✓	374721	3.8814
832-36ASQ	290	1	1	95.50	✓	381583	4.6099
832-36ASR	290	1	1	70.50	✓	381590	3.3800
832-36PF	290	1	10	19.00	✓	374226	1.5898
832-36PNQ	290	1	1	95.50	✓	374530	5.0345
832-36PNR	290	1	1	70.50	✓	374462	3.5000
832-36PSQ	290	1	1	95.50	✓	381606	4.8000
832-36PSR	290	1	1	70.50	✓	381613	3.6500
832-3DF	285	1	10	47.25	✓	376046	6.6064
832-3DHNQ	286	1	1	63.75	✓	381514	3.6000
832-3DHNR	286	1	1	48.75	✓	381507	2.8500
832-3DHSQ	286	1	1	63.75	✓	381620	3.1918
832-3DHSR	286	1	1	48.75	✓	381637	2.7000
832-3DIR	285	1	1	99.25	✓	376053	10.3250
832-3DNQ	285	1	1	132.25	✓	376060	11.0378
832-3DNR	285	1	1	107.25	✓	376077	10.1486
832-3DSQ	285	1	1	132.25	✓	381781	11.0786
832-3DSR	285	1	1	107.25	✓	381798	9.9000
832-3HHD	286	1	10	12.00	✓	315793	0.8490
832-3HNQ	291	1	10	52.00	✓	306289	2.2000
832-3HNR	291	1	10	37.00	✓	306296	1.5212
832-3HSQ	291	1	1	52.00	✓	381644	2.0760
832-3HSR	291	1	1	37.00	✓	381651	1.5300
832-3SF	289	1	1	267.00	✓	381668	6.6100
832-3SSQ	289	1	1	413.50	✓	381675	11.0400
832-3SSR	289	1	1	392.50	✓	381682	10.1500
832-49DF	287	1	1	99.50	✓	310026	N/A
832-49DNR	287	1	1	227.00	✓	310033	N/A
832-49DSR	287	1	1	227.00	✓	310040	N/A
832-4AF	290	1	10	19.00	✓	374660	1.6212
832-4ANQ	290	1	1	95.50	✓	374820	5.0148
832-4ANR	290	1	1	70.50	✓	374745	4.0148
832-4ASQ	290	1	1	95.50	✓	381699	4.7436
832-4ASR	290	1	1	70.50	✓	381705	3.5500
832-4DF	285	1	10	47.25	✓	376084	6.7017
832-4DHHD	285	1	1	52.75	✓	315779	6.5614
832-4DHIR	285	1	10	52.00	✓	376091	3.3488
832-4DHNQ	285	1	10	85.00	✓	376107	4.2546
832-4DHNR	285	1	10	60.00	✓	376114	3.3738
832-4DHSQ	285,	1	1	85.00	✓	381712	4.2080
832-4DHSR	285	1	1	60.00	✓	381729	3.0250
832-4DIR	285	1	1	99.25	✓	376121	10.2662
832-4DNQ	285	1	1	132.25	✓	376138	11.0158
832-4DNR	285	1	1	107.25	✓	376145	9.9208
832-4DSQ	285	1	1	132.25	✓	381804	10.9886
832-4DSR	285	1	1	107.25	✓	381811	9.8500
832-4HHD	285	1	10	15.00	✓	377609	0.9304
832-4HNQ	290	1	10	76.50	✓	374080	2.7186
832-4HNR	290	1	10	51.50	✓	373908	1.5555
832-4HSQ	290	1	1	76.50	✓	381736	2.9500
832-4HSR	290	1	1	51.50	✓	381743	1.7140
832-4PF	290	1	10	19.00	✓	374363	1.7776
832-4PNQ	290	1	1	95.50	✓	374547	5.1712
832-4PNR	290	1	1	70.50	✓	374400	4.1712
832-4PSQ	290	1	1	95.50	✓	381750	4.9000
832-4PSR	290	1	1	70.50	✓	381767	3.7500
832-4SF	289	1	1	267.00	✓	381774	6.6100
832-4SHSQ	289	1	1	146.50	✓	381828	4.1170
832-4SHSR	289	1	1	125.50	✓	381835	3.8780
832-4SSQ	289	1	1	413.50	✓	381842	11.0400
832-4SSR	289	1	1	392.50	✓	381859	10.1500
832-63DF	288	1	1	47.25	✓	306319	7.2966
832-63DIR	288	1	1	99.25	✓	306333	10.5602
832-63DNQ	288	1	1	132.25	✓	306340	11.5096
832-63DNR	288	1	1	107.25	✓	306357	10.3648
832-63DSQ	288	1	1	132.25	✓	381866	11.3286
832-63DSR	288	1	1	107.25	✓	381873	11.0896
832-64DF	288	1	1	47.25	✓	306371	9.0259
832-64DIR	288	1	1	99.25	✓	306395	12.2620
832-64DNQ	288	1	1	132.25	✓	306418	13.2390
832-64DNR	288	1	1	107.25	✓	306432	12.0941
832-64DSQ	288	1	1	132.25	✓	381880	13.0580
832-64DSR	288	1	1	107.25	✓	381897	11.9300
832-6DF	287	1	1	99.50	✓	310057	N/A
832-6DHNR	287	1	1	127.50	✓	310064	N/A
832-6DHSR	287	1	1	127.50	✓	310071	N/A
832-6DNR	287	1	1	227.00	✓	310088	N/A
832-6DSR	287	1	1	227.00	✓	310095	N/A
832-EX4	285	1	1	22.50	✓	374943	0.0322
832-S3	286	1	10	5.00	✓	374318	0.0868
832-S4	285	1	10	7.00	✓	373823	0.0980
832-UM	285	1	1	15.50	✓	356505	0.1599
832-W	285	1	10	5.00	✓	303349	0.0896
833-225DF	314	1	1	51.50	✓	381903	12.5500
833-225DNQ	314	1	1	115.25	✓	381910	16.2751
833-225DNR	314	1	1	100.25	✓	381927	15.4000
833-225DSQ	314	1	1	115.25	✓	381934	15.9301
833-225DSR	314	1	1	100.25	✓	381941	15.0400
833-225F	318	1	1	43.25	✓	381958	8.5300
833-225NQ	318	1	1	95.25	✓	381965	11.0420
833-225NR	318	1	1	80.25	✓	381972	10.3370
833-225SQ	318	1	1	95.25	✓	381989	10.6974
833-225SR	318	1	1	80.25	✓	381996	10.0974
833-22DF	313	1	1	57.50	✓	376152	12.7380
833-22DIR	313	1	1	109.50	✓	376169	15.7778
833-22DNQ	313	1	1	142.50	✓	376176	16.9359
833-22DNR	313	1	1	117.50	✓	376183	15.7631

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
833-22DSQ	313	1	1	142.50	✓	382009	16.7700
833-22DSR	313	1	1	117.50	✓	382016	16.5310
833-22F	317	1	1	46.00	✓	374851	8.2898
833-22NQ	317	1	1	122.50	✓	374868	11.8594
833-22NR	317	1	1	97.50	✓	374875	10.8594
833-22SQ	317	1	1	122.50	✓	382023	11.5946
833-22SR	317	1	1	97.50	✓	382030	10.5752
833-235DF	314	1	1	51.50	✓	382047	11.9000
833-235DNQ	314	1	1	115.25	✓	382054	14.5241
833-235DNR	314	1	1	100.25	✓	382061	14.3000
833-235DSQ	314	1	1	115.25	✓	382078	14.1791
833-235DSR	314	1	1	100.25	✓	382085	14.7100
833-235F	318	1	1	43.25	✓	382092	6.9946
833-235NQ	318	1	1	95.25	✓	382108	9.2910
833-235NR	318	1	1	80.25	✓	382115	8.5860
833-235SQ	318	1	1	95.25	✓	382122	8.9464
833-235SR	318	1	1	80.25	✓	382139	9.1300
833-23DF	313	1	1	57.50	✓	376190	10.9870
833-23DIR	313	1	1	109.50	✓	376206	15.2927
833-23DNQ	313	1	1	142.50	✓	376213	16.0864
833-23DNR	313	1	1	117.50	✓	376220	15.0649
833-23DSQ	313	1	1	142.50	✓	382146	15.0190
833-23DSR	313	1	1	117.50	✓	382153	14.8500
833-23F	317	1	1	46.00	✓	374905	7.1238
833-23NQ	317	1	1	122.50	✓	374912	10.1084
833-23NR	317	1	1	97.50	✓	374929	9.1084
833-23SQ	317	1	1	122.50	✓	382160	9.8436
833-23SR	317	1	1	97.50	✓	382177	9.5700
833-24DF	313	1	1	57.50	✓	376237	11.9711
833-24DIR	313	1	1	109.50	✓	376244	15.3883
833-24DNQ	313	1	1	142.50	✓	376251	16.6523
833-24DNR	313	1	1	117.50	✓	376268	14.8151
833-24DSQ	313	1	1	142.50	✓	382184	16.5190
833-24DSR	313	1	1	117.50	✓	382191	16.2800
833-24F	317	1	1	46.00	✓	373885	8.0388
833-24NQ	317	1	1	122.50	✓	374950	11.6084
833-24NR	317	1	1	97.50	✓	374974	10.6084
833-24SQ	317	1	1	122.50	✓	382207	11.3436
833-24SR	317	1	1	97.50	✓	382214	10.3242
833-25AF	322	1	1	31.50	✓	382221	2.2060
833-25ANQ	322	1	1	83.50	✓	382238	4.8920
833-25ANR	322	1	1	68.50	✓	382245	4.1870
833-25ASQ	322	1	1	83.50	✓	382252	4.5466
833-25ASR	322	1	1	68.50	✓	382269	3.8200
833-25PF	322	1	1	31.50	✓	382276	2.4910
833-25PNQ	322	1	1	83.50	✓	382283	5.1770
833-25PNR	322	1	1	68.50	✓	382290	4.4720
833-25PSQ	322	1	1	83.50	✓	382306	4.8316
833-25PSR	322	1	1	68.50	✓	382313	4.2316
833-2AF	321	1	1	36.00	✓	375001	2.3317
833-2ANQ	321	1	1	112.50	✓	375018	7.0086
833-2ANR	321	1	1	87.50	✓	375025	4.7270
833-2ASQ	321	1	1	112.50	✓	382320	5.4541
833-2ASR	321	1	1	87.50	✓	382337	4.2100
833-2PF	321	1	10	36.00	✓	374325	2.6168
833-2PNQ	321	1	1	112.50	✓	375056	5.5850
833-2PNR	321	1	1	87.50	✓	365194	4.6500
833-2PSQ	321	1	1	112.50	✓	382344	5.7392
833-2PSR	321	1	1	87.50	✓	382351	4.7198
833-35AF	322	1	1	31.50	✓	382368	2.3710
833-35ANQ	322	1	1	83.50	✓	382375	5.0570
833-35ANR	322	1	1	68.50	✓	382382	4.3520
833-35ASQ	322	1	1	83.50	✓	382399	4.7116
833-35ASR	322	1	1	68.50	✓	382405	3.9000
833-35PF	322	1	1	31.50	✓	382412	2.5560
833-35PNQ	322	1	1	83.50	✓	382429	5.2420
833-35PNR	322	1	1	68.50	✓	382436	4.5370
833-35PSQ	322	1	1	83.50	✓	382443	4.8966
833-35PSR	322	1	1	68.50	✓	382450	4.2000
833-3AF	321	1	1	36.00	✓	375100	2.3207
833-3ANQ	321	1	1	112.50	✓	375117	7.1736
833-3ANR	321	1	1	87.50	✓	375124	6.1736
833-3ASQ	321	1	1	112.50	✓	382467	5.6191
833-3ASR	321	1	1	87.50	✓	382474	4.3000
833-3PF	321	1	10	36.00	✓	373878	2.5721
833-3PNQ	321	1	1	112.50	✓	375070	5.5997
833-3PNR	321	1	1	87.50	✓	374233	4.3586
833-3PSQ	321	1	1	112.50	✓	382481	5.7938
833-3PSR	321	1	1	87.50	✓	382498	4.5000
833-4AF	321	1	10	36.00	✓	375162	5.0604
833-4ANQ	321	1	1	112.50	✓	375179	7.2236
833-4ANR	321	1	1	87.50	✓	375186	6.2236
833-4ASQ	321	1	1	112.50	✓	382504	5.6588
833-4ASR	321	1	1	87.50	✓	382511	4.6330
833-4PF	321	1	10	36.00	✓	374356	3.7790
833-4PNQ	321	1	1	112.50	✓	375483	7.3486
833-4PNR	321	1	1	87.50	✓	374240	6.3486
833-4PSQ	321	1	1	112.50	✓	382528	5.7941
833-4PSR	321	1	1	87.50	✓	382535	4.6000
833-625DF	316	1	1	51.50	✓	382542	11.2566
833-625DNQ	316	1	1	115.25	✓	382559	14.7941
833-625DNR	316	1	1	100.25	✓	382566	14.0891
833-625DSQ	316	1	1	115.25	✓	382573	14.4491
833-625DSR	316	1	1	100.25	✓	382580	13.8491
833-625F	320	1	1	43.25	✓	382597	7.2646
833-625NQ	320	1	1	95.25	✓	382603	9.5610
833-625NR	320	1	1	80.25	✓	382610	8.8560
833-625SQ	320	1	1	95.25	✓	382627	9.2164
833-625SR	320	1	1	80.25	✓	382634	8.6164
833-62DF	315	1	1	57.50	✓	376275	10.6920
833-62DIR	315	1	1	109.50	✓	376282	14.5220
833-62DNQ	315	1	1	142.50	✓	376299	14.5220
833-62DNR	315	1	1	117.50	✓	376305	14.3100
833-62DSQ	315	1	1	142.50	✓	382641	15.2890
833-62DSR	315	1	1	117.50	✓	382658	15.0500
833-62F	319	1	1	46.00	✓	375230	6.8088
833-62NQ	319	1	1	122.50	✓	375247	10.3784
833-62NR	319	1	1	97.50	✓	375261	10.9505
833-62SQ	319	1	1	122.50	✓	382665	10.1136
833-62SR	319	1	1	97.50	✓	382672	9.0878
833-635DF	316	1	1	51.50	✓	382689	12.8266
833-635DNQ	316	1	1	115.25	✓	304186	16.3641
833-635DNR	316	1	1	100.25	✓	304414	15.3150
833-635DSQ	316	1	1	115.25	✓	304438	16.0191
833-635DSR	316	1	1	100.25	✓	305206	14.9500
833-635F	320	1	1	43.25	✓	305589	8.8346
833-635NQ	320	1	1	95.25	✓	305596	11.1310
833-635NR	320	1	1	80.25	✓	305657	10.4260
833-635SQ	320	1	1	95.25	✓	305725	11.1300
833-635SR	320	1	1	80.25	✓	306647	10.1864
833-63DF	315	1	1	57.50	✓	376312	12.2620
833-63DIR	315	1	1	109.50	✓	376329	16.0920
833-63DNQ	315	1	1	142.50	✓	376336	16.8433
833-63DNR	315	1	1	117.50	✓	376343	15.7410
833-63DSQ	315	1	1	142.50	✓	306951	16.8590
833-63DSR	315	1	1	117.50	✓	306968	16.6200
833-63F	319	1	1	46.00	✓	374264	8.3788
833-63NQ	319	1	1	122.50	✓	375254	11.9484
833-63NR	319	1	1	97.50	✓	375285	11.1614
833-63SQ	319	1	1	122.50	✓	306975	11.6836
833-63SR	319	1	1	97.50	✓	306982	10.6578
833-64DF	315	1	1	57.50	✓	376350	12.9500
833-64DIR	315	1	1	109.50	✓	376367	16.3050
833-64DNQ	315	1	1	142.50	✓	376374	16.7919
833-64DNR	315	1	1	117.50	✓	376381	15.7924
833-64DSQ	315	1	1	142.50	✓	306999	17.0720
833-64DSR	315	1	1	117.50	✓	307002	16.8330
833-64F	319	1	4	46.00	✓	374707	8.8693
833-64NQ	319	1	1	122.50	✓	375315	12.1614
833-64NR	319	1	1	97.50	✓	374370	11.1614
833-64SQ	319	1	1	122.50	✓	307019	11.8966
833-64SR	319	1	1	97.50	✓	307026	10.8772
834-3AF	342	1	10	22.00	✓	374684	1.5872
834-3ANQ	342	1	1	107.50	✓	375346	5.6573
834-3ANR	342	1	1	87.50	✓	375353	4.2608
834-3ASQ	342	1	1	107.50	✓	307033	5.5700
834-3ASR	342	1	1	87.50	✓	307040	4.6847
834-3ATR	342	1	1	67.50	✓	375377	3.3708

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
834-3DF	339	1	1	50.00	✓	376398	7.1696
834-3DHNQ	346	1	1	83.75	✓	315670	4.1400
834-3DHNR	346	1	1	58.75	✓	315687	3.3900
834-3DHSQ	346	1	1	83.75	✓	315694	4.1400
834-3DHSR	346	1	1	58.75	✓	315700	3.3900
834-3DIR	339	1	1	105.00	✓	376404	10.7071
834-3DNQ	339	1	1	155.00	✓	376411	12.8062
834-3DNR	339	1	1	135.00	✓	376428	11.1554
834-3DSQ	339	1	1	155.00	✓	307057	12.0314
834-3DSR	339	1	1	135.00	✓	307064	11.2272
834-3HNQ	347	1	1	72.00	✓	315489	2.7400
834-3HNR	347	1	1	47.00	✓	314727	2.1279
834-3HSQ	347	1	1	72.00	✓	315496	2.7400
834-3HSR	347	1	1	47.00	✓	315502	2.0600
834-3PF	342	1	10	22.00	✓	374219	1.6894
834-3PNQ	342	1	1	107.50	✓	374622	5.8107
834-3PNR	342	1	1	87.50	✓	374196	4.4151
834-3PSQ	342	1	1	107.50	✓	307071	5.6744
834-3PSR	342	1	1	87.50	✓	307088	4.7500
834-3PTR	342	1	1	67.50	✓	374189	3.5242
834-3SF	343	1	1	271.00	✓	307095	7.1700
834-3SSQ	343	1	1	440.25	✓	307125	12.8100
834-3SSR	343	1	1	420.25	✓	307132	11.1600
834-4AF	342	1	10	22.00	✓	374691	1.7006
834-4ANQ	342	1	1	107.50	✓	375414	5.7707
834-4ANR	342	1	1	87.50	✓	375421	4.3742
834-4ASQ	342	1	1	107.50	✓	307149	5.6528
834-4ASR	342	1	1	87.50	✓	307156	4.7981
834-4ATR	342	1	1	67.50	✓	375445	3.4842
834-4DF	339	1	1	50.00	✓	376435	7.0796
834-4DHIR	339	1	10	55.00	✓	376442	3.5164
834-4DHNQ	339	1	10	105.00	✓	376459	4.8502
834-4DHNR	339	1	10	85.00	✓	376466	3.9353
834-4DHSQ	339	1	1	105.00	✓	307163	5.0336
834-4DHSR	339	1	1	85.00	✓	307170	4.0000
834-4DIR	339	1	1	105.00	✓	376473	10.4940
834-4DNQ	339	1	1	155.00	✓	376480	11.8168
834-4DNR	339	1	1	135.00	✓	376497	11.0000
834-4DSQ	339	1	1	155.00	✓	307187	11.9371
834-4DSR	339	1	1	140.00	✓	307194	8.8881
834-4HNQ	342	1	10	85.50	✓	374165	3.8571
834-4HNR	342	1	10	65.50	✓	373915	2.2846
834-4HSQ	342	1	1	85.50	✓	307224	3.6700
834-4HSR	342	1	1	65.50	✓	307231	2.7085
834-4HTR	342	1	1	45.50	✓	374479	1.3946
834-4PF	342	1	10	22.00	✓	373892	1.9006
834-4PNQ	342	1	1	107.50	✓	375469	5.9707
834-4PNR	342	1	1	87.50	✓	365187	4.6500
834-4PSQ	342	1	1	107.50	✓	307248	5.7200
834-4PSR	342	1	1	87.50	✓	307255	4.8500
834-4PTR	342	1	1	67.50	✓	374172	3.6842
834-4SF	343	1	1	271.00	✓	307262	7.1700
834-4SHSQ	343	1	1	169.25	✓	307279	4.9513
834-4SHSR	343	1	1	149.25	✓	307286	4.1470
834-4SSQ	343	1	1	440.25	✓	307293	12.8100
834-4SSR	343	1	1	420.25	✓	307323	11.5500
834-63DF	341	1	1	50.00	✓	377869	7.4196
834-63DIR	341	1	1	105.00	✓	306944	10.8461
834-63DNQ	341	1	1	155.00	✓	306937	12.3089
834-63DNR	341	1	1	135.00	✓	306920	10.9081
834-63DSQ	341	1	1	155.00	✓	307330	12.2814
834-63DSR	341	1	1	135.00	✓	307347	11.4771
834-64DF	341	1	1	50.00	✓	306913	9.1489
834-64DIR	341	1	1	105.00	✓	306906	12.5755
834-64DNQ	341	1	1	155.00	✓	306890	14.0385
834-64DNR	341	1	1	135.00	✓	306883	12.6375
834-64DSQ	341	1	1	155.00	✓	307354	14.0108
834-64DSR	341	1	1	135.00	✓	307361	13.2065
834-6DF	340	1	1	102.50	✓	380715	14.8000
834-6DHIR	340	1	1	82.50	✓	380722	7.6500
834-6DHNR	340	1	1	192.50	✓	312419	N/A
834-6DHSR	340	1	1	192.50	✓	316288	7.5000
834-6DIR	340	1	1	185.00	✓	380739	23.0000
834-6DNR	340	1	1	295.00	✓	312426	N/A
834-6DSR	340	1	1	295.00	✓	310781	21.5000
840-20A	378	20	20	10.25	✓	300720	0.4205
840-20ANR	379	1	10	32.50	✓	300737	0.9172
840-20P	378	20	20	10.25	✓	300607	0.5353
840-20PNR	379	1	10	32.50	✓	300768	1.0955
840-27A	379	20	20	5.50	✓	351579	0.4077
840-27P	379	20	20	5.50	✓	300775	0.4885
840-2A	378	**20**	20	5.50	✓	300782	0.4077
840-2APK	378	10	10	5.90	✓	300546	0.4470
840-2P	378	**20**	20	5.50	✓	300799	0.4933
840-2PPK	378	10	10	5.90	✓	300508	0.5573
840-30A	378	1	20	12.75	✓	352491	0.4975
840-30ANR	379	1	10	35.00	✓	352514	0.8518
840-30P	378	1	20	12.75	✓	351555	0.5992
840-30PNR	379	1	10	35.00	✓	300812	1.0450
840-37A	379	1	10	8.00	✓	352545	0.5118
840-37P	379	1	10	8.00	✓	300829	0.5996
840-3A	378	**20**	20	8.00	✓	300836	0.4500
840-3APK	378	10	10	8.40	✓	300744	0.4700
840-3P	378	**20**	20	8.00	✓	300843	0.5784
840-3PPK	378	10	10	8.40	✓	300706	0.6123
841-29P	377	12	12	11.00	✓	351371	1.1033
841-29PIR	377	1	1	32.50	✓	308894	2.2658
841-29PL	377	12	12	10.80	✓	300850	1.1283
841-29PNQ	377	1	1	77.50	✓	308771	3.2151
841-29PNR	377	1	1	52.50	✓	308733	2.0703
841-29PSQ	377	1	2	77.50	✓	308856	3.2100
841-29PSR	377	1	2	52.50	✓	308818	2.0700
841-2A	377	12	12	11.00	✓	300201	0.9585
841-2AIR	377	1	2	32.50	✓	308887	1.5298
841-2ANQ	377	1	2	77.50	✓	308764	4.2400
841-2ANR	377	1	6	52.50	✓	352590	3.1058
841-2APK	377	6	6	11.24	✓	300201	0.9727
841-2ASQ	377	1	2	77.50	✓	308849	4.2400
841-2ASR	377	1	2	52.50	✓	308801	3.1000
841-2P	377	12	12	11.00	✓	300188	1.1835
841-2PIR	377	1	2	32.50	✓	308870	2.2600
841-2PNQ	377	1	2	77.50	✓	308757	3.2100
841-2PNR	377	1	6	52.50	✓	351388	3.4524
841-2PPK	377	6	6	11.24	✓	300188	1.2415
841-2PSQ	377	1	2	77.50	✓	308832	3.2100
841-2PSR	377	1	2	52.50	✓	308795	2.0700
841-39P	377	12	12	11.00	✓	351395	1.2133
841-39PIR	377	1	2	32.50	✓	308900	2.8418
841-39PL	377	12	12	10.80	✓	300911	1.1783
841-39PNQ	377	1	2	77.50	✓	308788	3.2951
841-39PNR	377	1	2	52.50	✓	308740	2.1503
841-39PSQ	377	1	2	77.50	✓	308863	3.2900
841-39PSR	377	1	2	52.50	✓	308825	2.1500
842-22I	357	2	2	9.25	✓	352613	1.6234
842-23I	357	2	2	15.00	✓	351401	2.9234
842-24I	357	2	2	21.00	✓	351739	4.7500
842-2AI	292	1	2	42.50	✓	352644	3.2000
842-2ANQ	292	1	10	62.50	✓	352651	2.6748
842-2ANR	292	1	10	47.50	✓	300935	1.9651
842-2ASQ	292	1	10	62.50	✓	307873	2.3298
842-2ASR	292	1	10	47.50	✓	307880	1.7251
842-2ILI	294	1	2	65.00	✓	352675	5.3354
842-2ILNQ	294	1	2	80.00	✓	352682	3.8075
842-2ILNR	294	1	2	70.00	✓	351418	3.4421
842-2LI	293	1	5	30.00	✓	352699	3.1014
842-2LNQ	293	1	5	45.00	✓	300966	1.5366
842-2LNR	293	1	10	35.00	✓	300973	1.2076
842-2LP	293	1	10	20.00	✓	300980	0.5936
842-2LSQ	293	1	5	45.00	✓	307897	1.2319
842-2LSR	293	1	10	35.00	✓	307903	0.9923
842-2PI	292	1	2	42.50	✓	301017	4.6658
842-2PNQ	292	1	10	62.50	✓	301024	2.8131
842-2PNR	292	1	10	47.50	✓	356420	2.0768
842-2PSQ	292	1	10	62.50	✓	307910	2.5850
842-2PSR	292	1	10	47.50	✓	307927	1.8368
842-36AI	292	1	2	51.50	✓	352729	5.6728
842-36ANQ	292	1	1	82.50	✓	352736	3.4213
842-36ANR	292	1	10	57.50	✓	351630	2.2253

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
842-36ASQ	292	1	1	82.50	✓	307934	3.2357
842-36ASR	292	1	10	57.50	✓	307941	2.9455
842-36LI	293	1	5	44.00	✓	352774	5.3281
842-36LNQ	293	1	5	75.00	✓	351432	3.1881
842-36LNR	293	1	10	50.00	✓	306678	2.1383
842-36LP	293	1	10	25.00	✓	352781	1.1576
842-36LSQ	293	1	5	75.00	✓	307958	3.1800
842-36LSR	293	1	10	50.00	✓	307965	1.6180
842-36PI	292	1	2	51.50	✓	352811	5.8445
842-36PNQ	292	1	10	82.50	✓	351364	3.5930
842-36PNR	292	1	10	57.50	✓	306685	2.3970
842-36PSQ	292	1	1	82.50	✓	307972	3.4074
842-36PSR	292	1	10	57.50	✓	307989	2.2600
842-3AI	292	1	2	42.50	✓	352859	4.7462
842-3ANQ	292	1	10	62.50	✓	352866	2.7285
842-3ANR	292	1	8	47.50	✓	352033	1.9900
842-3ASQ	292	1	10	62.50	✓	307996	2.3835
842-3ASR	292	1	8	47.50	✓	308009	1.7500
842-3ILI	294	1	2	45.00	✓	352880	7.5706
842-3ILNQ	294	1	2	65.00	✓	351456	5.6904
842-3ILNR	294	1	2	50.00	✓	351463	4.9854
842-3LI	293	1	5	37.50	✓	301109	4.3410
842-3LNQ	293	1	5	57.50	✓	305749	2.2517
842-3LNR	293	1	10	42.50	✓	301123	1.7444
842-3LNRPK	293	5	5	43.75	✓	320315	1.8420
842-3LP	293	1	10	22.50	✓	301130	0.9321
842-3LSQ	293	1	5	57.50	✓	308016	1.9669
842-3LSR	293	1	10	42.50	✓	308023	1.3095
842-3PI	292	1	2	42.50	✓	339218	4.7640
842-3PNQ	292	1	10	62.50	✓	305756	2.4245
842-3PNR	292	1	8	47.50	✓	356437	2.1231
842-3PSQ	292	1	10	62.50	✓	308030	2.6050
842-3PSR	292	1	8	47.50	✓	308047	1.9938
842-4AI	292	1	2	51.50	✓	352927	5.7862
842-4ANQ	292	1	1	82.50	✓	352934	3.5347
842-4ANR	292	1	10	57.50	✓	351487	2.3899
842-4ASQ	292	1	10	82.50	✓	308054	3.3491
842-4ASR	292	1	10	57.50	✓	308061	3.1101
842-4ILI	294	1	2	61.50	✓	352958	9.2200
842-4ILNQ	294	1	2	92.50	✓	352965	7.0800
842-4ILNR	294	1	2	67.50	✓	301208	5.9806
842-4LI	293	1	5	46.50	✓	301376	5.2190
842-4LNQ	293	1	5	77.50	✓	305770	3.0790
842-4LNR	293	1	10	52.50	✓	305787	2.0603
842-4LP	293	1	10	27.50	✓	301253	1.0946
842-4LSQ	293	1	5	77.50	✓	308078	2.8100
842-4LSR	293	1	10	52.50	✓	308085	2.5310
842-4PI	292	1	2	51.50	✓	305794	5.9862
842-4PNQ	292	1	10	82.50	✓	301284	3.6835
842-4PNR	292	1	10	57.50	✓	320421	2.5899
842-4PSQ	292	1	10	82.50	✓	308092	3.4979
842-4PSR	292	1	10	57.50	✓	308122	2.4550
842-712A	356	10	10	2.50		313560	0.1650
842-712P	356	10	10	2.50		313577	0.2050
842-72A	356	5	5	2.65	✓	352989	0.1654
842-72P	356	5	5	2.65	✓	352996	0.2833
842-73A	356	5	5	5.65	✓	353009	0.4705
842-73P	356	5	5	5.65	✓	301314	0.5625
842-74A	356	10	10	8.25	✓	353016	1.1730
842-74P	356	10	10	8.25	✓	339232	0.8930
842-76A	356	8	8	22.00	✓	301338	1.5470
842-76P	356	8	8	22.00	✓	353023	2.2810
842-82AT	356	1	10	9.00	✓	326287	0.3591
842-82PT	356	1	10	9.00	✓	326263	0.4551
842-83AT	356	1	10	12.00	✓	351715	0.7423
842-83PT	356	1	10	12.00	✓	326362	1.0353
842-84AT	356	1	10	13.50	✓	353030	1.0160
842-84PT	356	1	10	13.50	✓	326461	1.3204
842-92A	356	10	20	4.50		326249	0.0308
842-92P	356	10	20	4.50		326225	0.0404
842-93A	356	10	20	5.50		326348	0.0749
842-93P	356	10	20	5.50		326324	0.0937
842-94A	356	10	20	6.00		326447	0.0998
842-94P	356	10	20	6.00		326423	0.1194
842-SB2	359	1	10	27.50	✓	301444	0.5542
842-SB3	359	1	10	32.50	✓	353047	0.7242
842-SB4	359	1	10	37.50	✓	351869	0.9985
842-SCS2	359	1	10	25.50	✓	309891	0.9153
842-SCS3	359	1	10	37.50	✓	309884	N/A
842-SCS4	359	1	10	42.50	✓	309402	0.8450
842-SCSQ2	359	1	10	35.50	✓	309877	N/A
842-SCSQ3	359	1	10	52.50	✓	309860	N/A
842-SCSQ4	359	1	10	67.50	✓	309853	N/A
842-SD4	359	1	1	9.75	✓	310958	N/A
842-SI2	359	1	5	12.00	✓	353054	1.6094
842-SI3	359	1	10	15.00	✓	353061	2.3248
842-SI4	359	1	2	20.00	✓	351845	3.1134
842-SN2	359	1	10	18.50	✓	353078	0.2575
842-SN3	359	1	10	22.50	✓	301451	1.1021
842-SN4	359	1	20	25.00	✓	301468	0.9766
842-SNQ2	359	1	10	28.50	✓	309846	N/A
842-SNQ3	359	1	10	37.50	✓	309839	2.1007
842-SNQ4	359	1	1	50.00	✓	376039	1.2515
842-SP2	359	1	1	5.25	✓	353085	0.2725
842-SP3	359	1	10	6.50	✓	353092	0.4071
842-SP4	359	1	10	8.50	✓	353108	0.3400
842-SS2	359	1	10	5.00	✓	353115	0.2610
842-SS3	359	1	10	6.00	✓	353122	0.3147
842-SS4	359	1	10	8.25	✓	351883	0.2942
842-UM	292	1	1	15.00	✓	308139	0.1600
843-2AI	298	1	2	32.50	✓	353153	3.2656
843-2ANQ	298	1	5	47.50	✓	353160	1.8452
843-2ANR	298	1	10	37.50	✓	306098	1.2974
843-2AP	298	1	10	17.50	✓	353177	0.6557
843-2AS	298	1	10	17.50	✓	353184	0.6126
843-2PI	298	1	2	32.50	✓	353207	3.3649
843-2PNQ	298	1	5	47.50	✓	301499	1.7471
843-2PNR	298	1	10	37.50	✓	305817	1.3726
843-2PP	298	1	10	17.50	✓	301512	0.7757
843-2PS	298	1	10	17.50	✓	305824	0.6928
843-3AI	298	1	2	38.75	✓	353238	4.3449
843-3ANQ	298	1	1	58.75	✓	353245	2.4011
843-3ANR	298	1	10	43.75	✓	353252	1.7054
843-3AP	298	1	10	18.75	✓	351876	0.8604
843-3AS	298	1	10	16.25	✓	353269	0.7310
843-3PI	298	1	2	38.75	✓	301536	4.4606
843-3PNQ	298	1	10	58.75	✓	351951	2.5261
843-3PNR	298	1	10	43.75	✓	305831	1.8304
843-3PP	298	1	10	18.75	✓	305848	0.9914
843-3PS	298	1	10	16.25	✓	306807	0.8560
843-4AI	298	1	2	48.00	✓	353313	5.3050
843-4ANQ	298	1	1	79.00	✓	353320	3.0459
843-4ANR	298	1	4	54.00	✓	353337	2.0177
843-4AS	298	1	4	24.00	✓	353351	0.7497
843-4PI	298	1	2	48.00	✓	301673	5.4000
843-4PNQ	298	1	10	79.00	✓	351906	3.1124
843-4PNR	298	1	4	54.00	✓	301581	2.1127
843-4PP	298	1	4	29.00	✓	301598	1.1970
843-4PS	298	1	4	24.00	✓	306784	0.8897
844-02G	401	1	10	5.50	✓	301611	1.2747
844-02SL	382	2	2	10.75	✓	344212	2.6805
844-04G	401	1	10	15.50	✓	301635	3.8496
844-04IQ	382	2	2	27.50	✓	344120	9.2075
844-04SL	382	2	2	32.50	✓	344236	10.1585
844-0G	401	1	10	7.50	✓	301659	1.4396
844-0SL	382	2	2	22.50	✓	344229	4.9879
844-22I	299	1	4	42.50	✓	353368	5.3360
844-22NQ	299	1	1	57.50	✓	353375	3.7658
844-22NR	299	1	4	47.50	✓	301680	3.2825
844-23I	299	1	4	48.50	✓	351913	7.8658
844-23NQ	299	1	1	68.50	✓	353382	5.8108
844-23NR	299	1	4	53.50	✓	301697	5.1447
844-24I	299	1	4	64.00	✓	351982	9.5158
844-24NQ	299	1	1	95.00	✓	353399	7.3609
844-24NR	299	1	4	70.00	✓	351937	6.2381
844-S4	401	1	10	7.25	✓	301703	1.2397
845-2APK	378	10	10	1.90	✓	301321	0.0662
845-2P	378	20	20	1.70	✓	301772	0.0758

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
845-2PPK	378	10	10	1.90	✓	301307	0.0665
845-3APK	378	10	10	2.35	✓	301369	0.1410
845-3P	378	**20**	20	2.15	✓	301857	0.1264
845-3PPK	378	10	10	2.35	✓	301345	0.1280
845-4APK	378	10	10	3.10	✓	301406	0.3521
845-4P	378	**20**	20	2.90	✓	339249	0.3137
845-4PPK	378	10	10	3.10	✓	301383	0.3426
846-S11PK	402	3	3	9.00	✓	306425	1.7680
846-S13PK	402	3	3	9.75	✓	306449	1.9183
846-S15PK	402	3	3	10.00	✓	306463	1.6567
846-S17PK	402	3	3	12.75	✓	306562	2.2500
846-S19PK	402	3	3	17.50	✓	306661	2.9670
846-S1PK	402	3	3	4.50	✓	306302	0.7650
846-S3PK	402	3	3	4.75	✓	306326	0.9357
846-S5PK	402	3	3	7.25	✓	306364	1.2710
846-S7PK	402	3	3	7.75	✓	306388	1.5170
846-S9PK	402	3	3	8.50	✓	306401	1.6000
847-2	380	**20**	20	4.75	✓	339256	0.1550
847-2PK1	380	5	5	6.25	✓	301222	0.4220
847-3	380	**20**	20	5.00	✓	306692	0.1996
847-3PK1	380	10	10	6.50	✓	301239	0.4539
847-4	380	**10**	10	5.25	✓	301819	0.3250
847-4PK1	380	10	10	6.75	✓	301246	0.5931
847-7	380	10	10	25.25	✓	301277	0.9919
847-7B	380	**20**	20	20.75	✓	306111	0.9393
847-9	380	1	10	50.00	✓	301291	2.1433
850-234N	350	1	10	65.00	✓	351968	4.1516
850-2I	350	1	6	45.00	✓	301475	7.0343
850-2IN	350	1	6	155.00	✓	353405	8.8834
850-2N	350	1	6	135.00	✓	301871	4.4304
850-2T	350	1	6	55.00	✓	301888	1.6904
850-3I	350	1	4	52.50	✓	301895	9.8063
850-3IN	350	1	4	235.00	✓	353429	11.7897
850-3N	350	1	6	200.00	✓	301901	7.3549
850-3T	350	1	6	70.00	✓	301918	2.6969
850-4I	350	1	2	70.75	✓	305855	12.7947
850-4IN	350	1	2	315.00	✓	353443	16.6326
850-4N	350	1	6	265.00	✓	306074	9.8086
850-4T	350	1	6	105.00	✓	305862	3.4826
850-CI2	362	1	1	17.25	✓	353467	2.2082
850-CI3	362	1	1	27.50	✓	353474	3.5283
850-CI4	362	1	1	32.50	✓	353481	5.1484
850-CN2	362	1	1	52.50	✓	353498	1.7564
850-CN3	362	1	10	72.50	✓	351975	2.0144
850-CN4	362	1	1	125.00	✓	353504	3.6878
850-CT2	362	1	10	22.50	✓	353511	0.6485
850-CT3	362	1	10	36.80	✓	301956	0.7085
850-CT4	362	1	10	58.10	✓	353528	1.2993
850-V105	362	1	25	12.75	✓	314673	0.0487
850-V106	362	1	25	12.75	✓	314659	0.0585
850-V109	362	1	25	12.75	✓	314642	0.1837
850-V407	362	1	1	1.75	✓	314635	0.0103
850-V415	362	1	1	1.75	✓	314628	0.0153
850-V425	362	1	1	1.75	✓	314611	0.0278
850-VW1	362	10	10	15.00		351920	0.0351
850-VW4	362	10	10	15.00		353535	0.0451
851-24I	349	1	2	67.50	✓	305879	11.8315
851-24IN	349	1	2	160.00	✓	353603	13.7413
851-24N	349	1	2	147.50	✓	351944	8.5491
851-24T	349	1	2	85.00	✓	353627	6.1907
851-33N	348	1	2	95.00	✓	353702	3.0961
851-33T	348	1	2	65.00	✓	353719	1.4622
851-34I	348	1	2	57.50	✓	305886	8.3135
851-34IN	348	1	2	145.00	✓	353726	10.1687
851-34N	348	1	2	120.00	✓	305893	5.0168
851-34T	348	1	2	70.00	✓	306722	2.6568
851-36I	348	1	2	117.50	✓	353740	14.4978
851-36IN	348	1	2	245.00	✓	353757	18.3759
851-36N	348	1	2	222.50	✓	353771	8.2747
851-36T	348	1	2	120.00	✓	353788	4.6474
851-43N	348	1	2	95.00	✓	305909	3.1681
851-43T	348	1	2	65.00	✓	302014	1.5542
851-44I	348	1	2	57.50	✓	305916	8.2555
851-44IN	348	1	2	145.00	✓	351685	10.1574
851-44N	348	1	2	120.00	✓	302038	4.7098
851-44T	348	1	2	70.00	✓	356512	2.5988
851-46I	348	1	2	117.50	✓	302052	15.7781
851-46IN	348	1	2	245.00	✓	351692	19.7099
851-46N	348	1	2	222.50	✓	302069	9.6087
851-46T	348	1	2	120.00	✓	306746	4.5875
851-64I	349	1	2	67.50	✓	351708	11.3494
851-64N	349	1	2	147.50	✓	351746	8.0901
851-64T	349	1	2	85.00	✓	353900	5.7301
851-66I	349	1	2	265.00	✓	351814	24.1451
851-66N	349	1	2	375.00	✓	353931	15.9720
851-66T	349	1	2	275.00	✓	353948	13.8785
851-CI3	361	1	1	16.00	✓	353955	1.5223
851-CI4	361	1	1	17.50	✓	353962	2.1766
851-CI6	361	1	1	25.00	✓	353979	3.5811
851-CI8	361	1	1	30.00	✓	353986	5.1911
851-CN3	361	1	10	57.50	✓	351838	1.1670
851-CN4	361	1	10	82.50	✓	351654	1.7513
851-CN6	361	1	10	92.50	✓	353993	3.0811
851-CN8	361	1	10	117.50	✓	354006	3.9011
851-CT3	361	1	10	27.50	✓	302113	0.4270
851-CT4	361	1	10	35.00	✓	354013	0.6522
851-CT6	361	1	10	42.50	✓	351760	1.1811
851-CT8	361	1	10	55.00	✓	354020	1.3111
852-2LNR	345	1	10	42.50	✓	302168	1.2355
852-3AI	344	1	2	43.00	✓	354280	2.7876
852-3ANQ	344	1	2	93.00	✓	354297	4.2461
852-3ANR	344	1	5	73.00	✓	350343	2.7633
852-3ASQ	344	1	2	93.00	✓	308153	4.2140
852-3ASR	344	1	5	73.00	✓	308160	3.2900
852-3ATR	344	1	5	49.00	✓	354327	1.7626
852-3LI	345	1	2	37.50	✓	351784	4.2123
852-3LNQ	345	1	5	77.50	✓	351791	2.9909
852-3LNR	345	1	10	52.50	✓	302182	1.9280
852-3LP	345	1	10	22.50	✓	354372	1.0551
852-3LSQ	345	1	5	77.50	✓	308177	2.6699
852-3LSR	345	1	10	52.50	✓	308184	1.9208
852-3LTR	345	1	10	35.00	✓	302199	1.2701
852-3PI	344	1	2	43.00	✓	350695	2.9593
852-3PNQ	344	1	2	93.00	✓	350725	4.4178
852-3PNR	344	1	5	73.00	✓	350329	2.9350
852-3PSQ	344	1	2	93.00	✓	308191	4.3857
852-3PSR	344	1	5	73.00	✓	308221	3.3800
852-3PTR	344	1	5	49.00	✓	306050	2.1181
852-4AI	344	1	2	43.00	✓	350749	2.9872
852-4ANQ	344	1	2	93.00	✓	354426	4.4062
852-4ANR	344	1	10	73.00	✓	350442	2.8865
852-4ASQ	344	1	2	93.00	✓	308238	4.3741
852-4ASR	344	1	10	73.00	✓	308245	3.4509
852-4ATR	344	1	10	49.00	✓	354457	2.7783
852-4ILI	345	1	2	62.50	✓	350756	9.8211
852-4ILNQ	345	1	2	112.50	✓	354464	7.4590
852-4ILNR	345	1	2	92.50	✓	305947	6.3758
852-4LI	345	1	2	42.50	✓	305961	5.2625
852-4LNQ	345	1	1	92.50	✓	302274	3.7997
852-4LNR	345	1	10	72.50	✓	302281	2.4886
852-4LNRPK	345	5	5	73.75	✓	350411	2.5329
852-4LP	345	1	10	22.50	✓	350763	1.3668
852-4LSQ	345	1	1	92.50	✓	308252	0.7232
852-4LSR	345	1	10	72.50	✓	308269	2.9535
852-4LTR	345	1	10	48.50	✓	305978	1.5986
852-4PI	344	1	2	43.00	✓	305992	3.4000
852-4PNQ	344	1	2	93.00	✓	306036	4.6062
852-4PNR	344	1	10	73.00	✓	350428	3.4765
852-4PSQ	344	1	2	93.00	✓	308276	4.6500
852-4PSR	344	1	10	73.00	✓	308283	3.5250
852-4PTR	344	1	10	49.00	✓	302359	2.2477
852-CI3	361	1	1	17.50	✓	354549	2.3000
852-CI4	361	1	5	27.50	✓	354556	3.6500
852-CN2	361	1	10	32.50	✓	354563	1.2790
852-CN3	361	1	10	35.00	✓	354570	1.4809
852-CN4	361	1	10	47.50	✓	350794	1.8551
852-CP3	361	1	2	10.00	✓	354594	0.5809
852-CP4	361	1	2	11.75	✓	354600	0.8051

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
852-CT3	361	1	2	20.00	✓	354624	0.6809
852-CT4	361	1	2	23.50	✓	354631	0.8651
858-63L	357	1	4	37.00	✓	350923	4.3340
858-64L	357	1	4	37.75	✓	302366	4.3038
858-PG4	288	1	1	10.50		312006	0.4000
860-22I	295	1	1	107.50	✓	306876	28.3100
860-22N	295	1	1	252.50	✓	306869	24.5900
860-22Z	295	1	1	252.50	✓	369987	24.5900
860-23I	295	1	1	107.50	✓	306845	28.3180
860-23N	295	1	1	252.50	✓	306838	24.5983
860-23Z	295	1	1	252.50	✓	369994	24.8498
860-24I	295	1	1	107.50	✓	306814	28.0000
860-24N	295	1	1	252.50	✓	306777	5.6900
860-24Z	295	1	1	252.50	✓	370006	24.7500
860-26I	295	1	1	107.50	✓	306630	28.0000
860-26N	295	1	1	252.50	✓	306623	24.7500
860-26Z	295	1	1	252.50	✓	369840	26.3850
860-292X	309	**1**	1	100.00	✓	315847	13.5000
860-293X	309	**1**	1	100.00	✓	315854	N/A
860-294X	309	**1**	1	100.00	✓	315861	13.5000
860-2A	295	1	4	57.50	✓	354655	4.2296
860-2AI	295	1	2	102.50	✓	354662	15.3775
860-2AN	295	1	4	237.50	✓	354679	8.9650
860-2AZ	295	1	4	237.50	✓	370143	9.2165
860-2P	295	1	4	57.50	✓	350817	5.5076
860-2PI	295	1	2	102.50	✓	354693	16.1025
860-2PN	295	1	4	237.50	✓	302380	9.4400
860-2PZ	295	1	4	237.50	✓	371256	9.5915
860-3A	295	1	4	57.50	✓	350855	3.9296
860-3AI	295	1	2	102.50	✓	350862	15.0775
860-3AN	295	1	4	237.50	✓	354709	8.3150
860-3AZ	295	1	4	237.50	✓	370099	8.5665
860-3P	295	1	4	57.50	✓	337030	5.1080
860-3PI	295	1	2	102.50	✓	305626	15.0905
860-3PN	295	1	4	237.50	✓	305114	9.0400
860-3PZ	295	1	4	237.50	✓	370129	9.2915
860-3SS	297	1	1	620.00	✓	308290	N/A
860-3SSS	297	1	1	164.25	✓	314246	2.1600
860-4A	295	1	4	57.50	✓	354723	3.9200
860-4AI	295	1	2	102.50	✓	354730	14.9025
860-4AN	295	1	4	237.50	✓	354747	8.6600
860-4AZ	295	1	4	237.50	✓	369956	8.9115
860-4P	295	1	4	57.50	✓	352262	5.0626
860-4PI	295	1	2	102.50	✓	352279	15.7025
860-4PN	295	1	4	237.50	✓	306753	8.9950
860-4PZ	295	1	4	237.50	✓	369949	9.2465
860-4SS	297	1	1	725.00	✓	375728	11.9000
860-4SSS	297	1	1	230.00	✓	376572	26.9315
860-592I	309	**1**	1	24.50	✓	315885	N/A
860-593I	309	**1**	1	24.50	✓	315892	2.4500
860-59I	309	**1**	1	24.50	✓	315878	2.6500
860-6	296	1	10	8.00	✓	354761	0.2697
860-6A	295	1	1	140.00	✓	354778	5.9146
860-6AI	295	1	2	185.00	✓	354785	15.3825
860-6AN	295	1	1	320.00	✓	354792	10.3000
860-6AZ	295	1	1	320.00	✓	369970	10.7215
860-6P	295	1	1	140.00	✓	350510	7.9360
860-6PI	295	1	2	185.00	✓	350527	18.6875
860-6PN	295	1	1	320.00	✓	354815	11.6244
860-6PZ	295	1	1	320.00	✓	369963	11.8759
860-62I	295	1	1	107.50	✓	306609	30.3483
860-62N	295	1	1	252.50	✓	306593	24.8683
860-62Z	295	1	1	252.50	✓	369659	25.1198
860-63I	295	1	1	107.50	✓	306579	28.3100
860-63N	295	1	1	252.50	✓	306555	24.5900
860-63Z	295	1	1	252.50	✓	369635	24.5900
860-64I	295	1	1	107.50	✓	306531	28.3000
860-64N	295	1	1	252.50	✓	306524	25.9637
860-64Z	295	1	1	252.50	✓	369628	24.5900
860-C	296	1	10	10.25	✓	350534	0.7882
860-CI	296	1	10	17.75	✓	369611	N/A
860-GA	296	1	12	25.00	✓	350541	1.3883
860-GI	296	1	5	55.00	✓	350558	9.4931
860-GN	296	1	1	136.75	✓	305503	4.6800
860-GN2	307	1	1	97.50	✓	302557	3.8800
860-GN3	307	1	1	114.25	✓	305497	4.6800
860-GP	296	1	16	25.00	✓	302571	1.8451
860-GPJ	296	1	16	30.00	✓	305480	1.6194
860-RGN	296	1	1	200.75	✓	350572	6.0960
860-RGN2	307	1	1	175.75	✓	350589	5.1300
860-RGN3	307	1	1	188.75	✓	354853	5.1000
860-RGS	296	1	1	200.75	✓	310644	6.0960
860-RGS2	307	1	1	175.75	✓	310651	5.1300
860-RGS3	307	1	1	188.75	✓	310668	5.1000
860-S	296	1	20	9.75	✓	302786	1.0330
860-U	296	1	20	9.75	✓	302618	0.8580
860-UM	296	1	5	35.00	✓	304834	0.4280
860-W2P	306	1	4	57.50	✓	316370	5.5000
860-W2PI	306	1	2	102.50	✓	315991	16.1000
860-W2PN	306	1	4	57.50	✓	316387	9.4400
860-W2PX	306	1	4	36.75	✓	316394	3.7500
860-W2PZ	306	1	4	237.50	✓	316028	9.5900
860-W3P	306	1	4	57.50	✓	315908	5.1713
860-W3PI	306	1	2	102.50	✓	316004	15.0900
860-W3PN	306	1	4	237.50	✓	316363	9.1189
860-W3PX	306	1	4	36.75	✓	316332	3.3500
860-W3PZ	306	1	4	237.50	✓	316035	9.2900
860-W4P	306	1	4	57.50	✓	316356	5.2000
860-W4PI	306	1	2	102.50	✓	316011	15.3500
860-W4PN	306	1	4	237.50	✓	315984	8.9950
860-W4PX	306	1	4	36.75	✓	316349	3.3050
860-W4PZ	306	1	4	237.50	✓	316042	0.9363
860-WGP	307	1	16	25.00	✓	316059	1.8314
860-WGP2	307	1	10	20.00	✓	316066	1.3135
860-WGP3	307	1	10	23.00	✓	316073	1.6100
860-WGPJ	307	1	16	30.00	✓	316080	2.1063
860-WS	307	1	20	9.75	✓	316097	1.0060
860-WU	307	1	20	9.75	✓	316103	0.8400
861-22X	304	1	1	165.00		302755	22.0000
861-22XF	304	1	1	245.00		374899	36.9274
861-23X	304	1	1	165.00		302748	25.3600
861-23XF	304	1	1	245.00		374882	36.4204
861-24X	304	1	1	165.00		302656	23.2000
861-24XF	304	1	1	245.00		374844	37.0818
861-282X	305	1	1	107.50		309723	15.5000
861-283X	305	1	1	107.50		309730	16.3450
861-284X	305	1	1	107.50		309747	17.0000
861-2P	302	1	1	67.50	✓	350701	7.0593
861-2PI	302	1	1	172.50	✓	354860	16.3867
861-2PN	302	1	1	395.00	✓	354877	15.5067
861-2PX	302	1	3	45.00	✓	305527	5.3067
861-3P	302	1	1	67.50	✓	302670	7.6896
861-3PI	302	1	1	172.50	✓	354884	16.1495
861-3PN	302	1	1	395.00	✓	302731	15.6000
861-3PX	302	1	3	45.00	✓	305534	5.3467
861-4P	302	1	1	67.50	✓	350503	8.9043
861-4PI	302	1	1	172.50	✓	354891	16.2659
861-4PN	302	1	1	395.00	✓	354907	16.8404
861-4PX	302	1	3	45.00	✓	305541	5.3917
861-5	303	1	15	22.50	✓	305558	1.8460
861-51	303	1	15	17.25	✓	305602	1.1873
861-51N	303	1	4	153.50	✓	302762	4.2729
861-51NR	303	1	3	288.50	✓	350626	8.3330
861-52I	304	1	10	35.00		302779	4.1585
861-52IN	304	1	1	250.00		306500	10.0876
861-53	303	1	15	20.00	✓	305619	1.5823
861-53I	304	1	10	35.00		302793	4.6075
861-53IN	304	1	1	315.00		306494	11.1774
861-53N	303	1	1	184.25	✓	302809	6.0800
861-53NR	303	1	3	319.25	✓	354914	9.4000
861-582I	305	1	1	25.00		309761	3.3670
861-582IN	305	1	1	160.00		314109	N/A
861-583I	305	1	1	25.00		309785	3.8310
861-583IN	305	1	1	190.00		314116	5.5000
861-58I	305	1	1	25.00		309754	4.0130
861-58IN	305	1	1	215.00		314130	N/A
861-5CI	303	1	3	125.00	✓	350633	10.5211
861-5CIG	303	1	1	75.00	✓	304827	8.3200

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
861-5I	304	1	1	35.00		302823	5.0150
861-5IN	304	1	1	375.00		306487	13.7315
861-5N	303	1	1	215.00	✓	302854	6.6400
861-5NR	303	1	3	350.00	✓	302847	10.5211
861-6	303	1	10	8.00	✓	305565	0.2666
861-6P	302	1	1	137.50	✓	354921	8.2288
861-6PI	302	1	1	242.50	✓	354938	16.2224
861-6PN	302	1	1	465.00	✓	354945	16.2224
861-6PX	302	1	3	115.00	✓	302861	4.7615
861-AC	304	1	1	40.00		374837	2.6753
861-AD	304	1	20	13.25		302878	0.4510
861-C	303	1	5	12.50	✓	374790	0.7252
861-D	303	1	80	6.50	✓	302885	0.2820
861-UM	303	1	5	40.00	✓	302892	0.0830
861-UMI	304	1	1	40.00		306470	0.5919
863-22I	323	1	2	90.75	✓	354976	13.3858
863-22NQ	323	1	2	121.75	✓	354983	11.2458
863-22NR	323	1	3	96.75	✓	302908	8.7200
863-22SQ	323	1	2	121.75	✓	308320	10.4069
863-22SR	323	1	3	96.75	✓	308337	10.0658
863-23I	323	1	2	90.75	✓	355010	11.5314
863-23NQ	323	1	2	121.75	✓	355027	9.3914
863-23NR	323	1	2	96.75	✓	350640	8.1034
863-23SQ	323	1	2	121.75	✓	308344	8.6755
863-23SR	323	1	2	96.75	✓	308351	8.4169
863-24I	323	1	2	90.75	✓	355058	13.0314
863-24NQ	323	1	2	121.75	✓	355065	10.8914
863-24NR	323	1	2	96.75	✓	355072	9.8914
863-24SQ	323	1	2	121.75	✓	308368	10.1755
863-24SR	323	1	2	96.75	✓	308375	9.9365
863-325I	325	1	2	56.50	✓	355102	6.2883
863-325NQ	326	1	2	77.50	✓	355119	4.3377
863-325NR	325	1	6	62.50	✓	302915	2.7833
863-325SQ	326	1	2	77.50	✓	308665	3.5217
863-325SR	325	1	6	62.50	✓	308535	2.7817
863-32I	325	1	2	67.75	✓	355157	7.2443
863-32NQ	326	1	2	98.75	✓	355164	4.9857
863-32NR	325	1	6	73.75	✓	355171	3.9668
863-32SQ	326	1	2	98.75	✓	308672	4.2561
863-32SR	325	1	6	73.75	✓	308542	3.8796
863-335CQ	369	1	2	87.50	✓	312235	3.6867
863-335CR	369	1	6	72.50	✓	312228	2.8167
863-335NQ	326	1	2	77.50	✓	355225	4.5983
863-335NR	325	1	6	62.50	✓	350657	3.7977
863-335RBQ	369	1	2	117.50	✓	309433	3.4587
863-335RBR	369	1	6	102.50	✓	309440	3.3078
863-335SQ	326	1	2	77.50	✓	308689	3.6867
863-335SR	325	1	6	62.50	✓	308559	2.8167
863-33I	325	1	2	67.75	✓	355263	7.2863
863-33NQ	326	1	2	98.75	✓	355270	5.1463
863-33NR	325	1	6	73.75	✓	355287	4.0507
863-33SQ	326	1	2	98.75	✓	308696	4.4211
863-33SR	325	1	6	73.75	✓	308566	4.0446
863-345NQ	326	1	2	77.50	✓	355331	4.6483
863-345NR	325	1	6	62.50	✓	355348	3.7583
863-34I	325	1	2	67.75	✓	355386	7.3363
863-34NQ	326	1	2	98.75	✓	355393	5.1963
863-34NR	325	1	6	73.75	✓	355409	4.1007
863-34SQ	326	1	2	98.75	✓	308702	4.4711
863-34SR	325	1	6	73.75	✓	308573	4.0946
863-425I	325	1	2	56.50	✓	355430	6.5733
863-425NQ	326	1	2	77.50	✓	350688	4.7183
863-425NR	325	1	6	62.50	✓	302939	3.0417
863-425SQ	326	1	2	77.50	✓	308580	3.8067
863-425SR	325	1	6	62.50	✓	308467	3.0692
863-42I	325	1	2	67.75	✓	355461	7.5293
863-42NQ	326	1	2	98.75	✓	351159	5.4333
863-42NR	325	1	6	73.75	✓	302953	3.1170
863-42SQ	326	1	2	98.75	✓	308597	4.5456
863-42SR	325	1	6	73.75	✓	308474	3.2167
863-435CQ	369	1	2	87.50	✓	312211	3.8717
863-435CR	369	1	6	72.50	✓	312204	3.1083
863-435NQ	326	1	2	77.50	✓	351166	4.7833
863-435NR	325	1	6	62.50	✓	302984	3.0517
863-435RBQ	369	1	2	117.50	✓	309426	3.2847
863-435RBR	369	1	6	102.50	✓	302977	3.2847
863-435SQ	326	1	2	77.50	✓	308634	3.8717
863-435SR	325	1	6	62.50	✓	308481	3.1083
863-43I	325	1	2	67.75	✓	355522	7.4563
863-43NQ	326	1	2	98.75	✓	304810	5.3163
863-43NR	325	1	6	73.75	✓	304803	4.2207
863-43SQ	326	1	2	98.75	✓	308641	4.5500
863-43SR	325	1	6	73.75	✓	308498	3.3000
863-445NQ	326	1	2	77.50	✓	355577	4.7733
863-445NR	325	1	6	62.50	✓	303042	3.9727
863-44I	325	1	2	67.75	✓	351203	7.4613
863-44NQ	326	1	2	98.75	✓	355614	5.3213
863-44NR	325	1	6	73.75	✓	304780	3.2750
863-44SQ	326	1	2	98.75	✓	308658	4.5961
863-44SR	325	1	6	73.75	✓	308528	3.3417
863-62I	324	1	2	90.75	✓	355652	11.9244
863-62NQ	324	1	2	121.75	✓	355669	9.7844
863-62NR	324	1	3	96.75	✓	355676	8.7844
863-62SQ	324	1	2	121.75	✓	308382	8.9455
863-62SR	324	1	3	96.75	✓	308399	8.7065
863-63I	324	1	2	90.75	✓	355706	13.3714
863-63NQ	324	1	2	121.75	✓	355713	11.2314
863-63NR	324	1	2	96.75	✓	351210	10.2314
863-63SQ	324	1	2	121.75	✓	308429	10.5155
863-63SR	324	1	2	96.75	✓	308436	10.2765
863-64I	324	1	2	90.75	✓	355744	13.5844
863-64NQ	324	1	2	121.75	✓	355751	11.4444
863-64NR	324	1	2	96.75	✓	355768	10.3351
863-64SQ	324	1	2	121.75	✓	308443	10.7285
863-64SR	324	1	2	96.75	✓	308450	10.4895
863-FA	285	1	5	30.00	✓	355775	0.9100
863-FN	285	1	5	67.50	✓	351128	2.4752
863-FNO	285	1	5	149.75	✓	351340	6.0962
863-HA23	358	1	10	30.00	✓	304476	1.8834
863-HA33	358	1	10	30.00	✓	355782	2.0484
863-HA34	358	1	10	30.00	✓	355799	2.0034
863-HA43	358	1	10	30.00	✓	355805	2.0984
863-HA44	358	1	10	30.00	✓	355812	2.0534
863-HC223	358	1	1	42.50	✓	355829	10.6082
863-HC233	358	1	1	42.50	✓	355836	8.8572
863-HC234	358	1	1	42.50	✓	355843	8.7332
863-HC243	358	1	1	42.50	✓	355850	10.3572
863-HC244	358	1	1	42.50	✓	355867	10.2332
863-HP23	358	1	10	30.00	✓	303295	2.1172
863-HP33	358	1	10	30.00	✓	303134	2.2334
863-HP34	358	1	10	30.00	✓	351531	2.1734
863-HP43	358	1	10	30.00	✓	351357	2.2234
863-HP44	358	1	10	30.00	✓	303158	2.1784
863-U	303	1	5	15.00		305572	0.3194
864-2A	297	1	3	40.00	✓	351241	2.3617
864-2P	297	1	3	40.00	✓	351142	3.0750
864-3A	297	1	3	40.00	✓	355874	2.5250
864-3P	297	1	3	40.00	✓	303172	2.6617
864-4A	297	1	3	40.00	✓	355881	4.3294
864-4P	297	1	3	40.00	✓	303219	2.7300
864-GP	297	1	1	14.50	✓	355898	1.1584
864-S	297	1	10	9.00	✓	303196	0.3245
864-UM	297	1	10	30.00	✓	306456	0.6992
864-W2P	308	1	3	40.00	✓	315724	2.9498
864-W3P	308	1	3	40.00	✓	315731	3.0000
864-W4P	308	1	3	40.00	✓	315748	3.0833
864-WGP	308	1	1	14.50	✓	315755	1.2000
864-WS	308	1	10	9.00	✓	315762	0.3200
866-2APK	381	5	5	8.75	✓	301079	0.5932
866-2I	381	2	2	27.50	✓	301055	5.1992
866-2P	381	1	25	7.25	✓	303202	0.7700
866-2PPK	381	5	5	8.75	✓	301062	0.8952
866-2S	402	1	20	6.25	✓	356369	0.2248
866-2SPK	402	5	5	7.75	✓	301161	0.2751
866-3I	381	2	2	45.00	✓	301086	12.9707
866-3P	381	1	20	17.25	✓	303233	1.8100
866-3S	402	1	20	9.00	✓	301192	0.6900
866-34APK	381	5	5	18.75	✓	301116	1.8360

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
866-34P	381	1	20	17.25	✓	301178	1.9200
866-34PPK	381	5	5	18.75	✓	301093	2.1680
866-4P	381	1	20	17.25	✓	303257	2.1000
866-S2I	402	2	2	7.50	✓	301154	1.4500
866-S3I	402	2	2	12.50	✓	301185	2.9500
867-30	403	**50**	50	3.10		315311	0.2506
867-30PK	403	25	25	3.22	✓	315304	0.2641
867-35	403	**25**	25	3.10		315328	0.2476
867-35PK	403	25	25	3.22	✓	315359	0.2481
867-A2	335	1	2	42.50	✓	351289	2.8422
867-A2M	335	1	2	62.50	✓	355904	6.8490
867-A3	335	1	2	42.50	✓	303264	2.9422
867-A3M	335	1	1	62.50	✓	355911	6.9490
867-A4	335	1	2	42.50	✓	351296	2.9922
867-A4M	335	1	2	62.50	✓	355928	6.9990
867-C	335	1	25	26.50	✓	339188	1.5140
867-HC	335	1	5	11.50	✓	355935	0.6542
867-HD	360	1	5	10.50	✓	351302	0.5883
867-L3AP	336	1	1	115.00	✓	374554	7.0000
867-L3PP	336	1	1	115.00	✓	374585	7.0500
867-L4AP	336	1	1	115.00	✓	374516	7.0000
867-L4PP	336	1	1	115.00	✓	374509	7.0000
867-MC	335	1	5	22.50	✓	355942	3.6992
867-MD	336	1	5	35.00	✓	351319	4.6261
867-P2	335	1	2	42.50	✓	303301	3.0352
867-P2M	335	1	2	62.50	✓	355959	7.1790
867-P3	335	1	2	42.50	✓	339034	3.2872
867-P3M	335	1	2	62.50	✓	303332	7.2940
867-P4	335	1	2	42.50	✓	339041	3.3572
867-P4M	335	1	2	62.50	✓	305244	7.3640
867-UM	335	1	1	50.00	✓	375865	0.9500
868-1503	330	1	1	135.00	✓	376763	32.5623
868-1504	330	1	1	135.00	✓	376534	33.0000
868-1506	330	1	1	135.00	✓	375919	32.0552
868-1508	330	1	1	135.00	✓	375339	32.2206
868-15CD	330	1	1	35.00	✓	375391	6.7900
868-15EXT	330	1	1	147.50	✓	375322	27.7400
868-15S	330	1	1	74.00	✓	375872	8.3330
868-15S2	331	1	1	140.00	✓	310002	27.0000
868-15SH	330	1	1	39.50	✓	311139	8.9352
868-15U	330	1	1	42.50	✓	375902	8.4200
868-15WD	330	1	5	67.50	✓	375384	12.2000
868-2010	332	1	1	290.00	✓	375308	N/A
868-2012	332	1	1	290.00	✓	375292	N/A
868-20CD	332	1	1	87.50	✓	375278	N/A
868-20S	332	1	1	135.00	✓	375155	N/A
868-20U	332	1	1	82.50	✓	375193	18.5400
868-20WD	332	1	1	85.00	✓	375216	21.8120
868-5A	389	10	10	14.75	✓	303356	0.4876
868-5P	389	10	10	14.75	✓	303509	0.5476
868-7A	389	10	10	14.25	✓	376671	0.3861
868-7P	389	10	10	14.25	✓	376657	0.4272
868-9A	389	10	10	14.00	✓	303370	0.5026
868-9P	389	10	10	14.00	✓	305145	0.5846
868-A3	334	1	2	86.50	✓	355966	4.7475
868-A3M	334	1	2	126.50	✓	355973	5.9451
868-A4	334	1	2	86.50	✓	355980	5.2475
868-A4M	334	1	2	126.50	✓	355997	6.4451
868-A6	334	1	2	86.50	✓	303394	5.4975
868-A6M	334	1	2	126.50	✓	356000	6.6951
868-C	333	1	5	52.50	✓	303400	2.0679
868-D1503	331	1	1	437.50	✓	311252	N/A
868-D1504	331	1	1	437.50	✓	311269	N/A
868-D1506	331	1	1	437.50	✓	311276	N/A
868-D1508	331	1	1	437.50	✓	311283	N/A
868-E	333	1	5	50.00	✓	303417	1.7510
868-HD	360	1	5	16.50	✓	351043	0.5140
868-I3	333	1	2	125.00	✓	351258	11.0975
868-I3M	333	1	2	165.00	✓	356017	12.2951
868-I4	333	1	2	125.00	✓	351234	11.7475
868-I4M	333	1	2	165.00	✓	350947	12.9451
868-I6	333	1	2	125.00	✓	350954	12.0475
868-I6M	333	1	2	165.00	✓	356024	13.7473
868-MC	333	1	10	40.00	✓	356031	1.6004
868-MD	360	1	5	60.00	✓	350961	1.9009
868-P3	334	1	2	86.50	✓	305183	5.0475
868-P3M	334	1	2	126.50	✓	350978	6.2451
868-P4	334	1	2	86.50	✓	303431	4.3100
868-P4M	334	1	2	126.50	✓	350985	6.4451
868-P6	334	1	2	86.50	✓	305190	4.4575
868-P6M	334	1	2	126.50	✓	350992	5.8529
868-S	333	1	10	45.00	✓	305091	1.8000
868-WD	333	1	1	75.00	✓	310521	3.9418
869-23	394	1	1	52.50		303479	2.4929
869-2A	394	1	8	32.50		305084	0.6340
869-2P	394	1	8	32.50		306005	0.8126
869-6A	394	1	1	185.00		306265	7.7000
869-6A1	394	1	2	33.00		303769	3.9920
869-6P	394	1	1	185.00		306203	9.8000
869-6P1	394	1	2	33.00		303783	2.3025
869-60	394	1	10	12.50		303721	0.0440
869-61	394	1	10	25.50		303738	0.6300
869-63	394	1	15	35.75		303776	1.5650
869-S3A	393	4	4	34.00	✓	313638	N/A
869-S3APK	393	2	2	36.25	✓	313645	N/A
869-S3AS	393	1	1	48.00	✓	313652	N/A
869-S3P	393	4	4	34.00	✓	313669	N/A
869-S3PPK	393	2	2	36.25	✓	313676	N/A
869-S3PS	393	1	1	48.00	✓	313683	N/A
869-S4A	393	4	4	43.25	✓	313690	N/A
869-S4ADB	393	1	1	51.50	✓	313706	1.7488
869-S4APK	393	2	2	46.75	✓	313713	N/A
869-S4AS	393	1	1	55.00	✓	313720	N/A
869-S4P	393	4	4	43.25	✓	313737	N/A
869-S4PDB	393	1	1	51.50	✓	313744	2.3690
869-S4PPK	393	2	2	46.75	✓	313751	N/A
869-S4PS	393	1	1	55.00	✓	313768	N/A
869-SF3	393	10	10	9.00	✓	313775	N/A
869-SF4	393	10	10	10.25	✓	313782	N/A
869-SSK	393	1	1	31.50	✓	313805	N/A
869-SSL	393	4	4	9.25	✓	313812	1.2227
869-SV4	401	10	10	13.25	✓	344045	2.0452
869-SVLB	393	10	10	6.25	✓	313829	N/A
869-SVLW	393	10	10	6.25	✓	313836	N/A
869-V4	382	1	1	27.50	✓	344021	9.2468
869-V34	381	4	4	13.75	✓	302076	0.6352
870-2CM	351	25	25	3.00	✓	303813	0.0574
870-3	351	25	25	3.55	✓	305237	0.1394
870-3PK1	352	10	10	6.35	✓	312136	0.2831
870-4	351	25	25	4.50	✓	306708	0.1168
870-4PK1	352	10	10	7.30	✓	312143	0.2802
870-5	351	25	25	6.55	✓	304094	0.1700
870-6	351	25	25	6.80	✓	303851	0.2449
870-6PK1	352	10	10	9.60	✓	312167	0.4200
870-8	351	10	10	8.60	✓	303868	0.6369
870-810	351	5	5	15.35	✓	303875	0.7650
870-812	351	5	5	21.50	✓	303882	1.1150
870-93	351	1	10	3.80	✓	303899	0.1661
870-94	351	1	10	6.30	✓	303905	0.4111
870-95	351	1	10	8.30	✓	303912	0.3300
870-96	351	1	10	10.25	✓	303929	0.5743
870-98	351	1	10	14.00	✓	303936	0.8250
870-B	351	25	100	2.75		303943	0.0846
870-B3	352	1	10	8.25	✓	303950	0.3377
870-B4	352	1	10	8.75	✓	303967	0.4173
870-B5	352	1	10	12.25	✓	303974	0.6242
870-B6	352	1	10	13.75	✓	303981	0.4093
870-B6PK1	352	10	10	19.00	✓	352040	0.7295
870-B8	352	1	10	16.75	✓	303998	0.6200
871-4	351	25	25	2.55	✓	313041	0.0716
871-6	351	25	25	4.65	✓	313065	0.1392
871-8	351	1	10	7.32	✓	313089	0.2798
871-16	351	25	25	11.75	✓	304001	0.1570
871-18	351	1	10	16.00	✓	304018	0.6825
872-4	351	25	25	7.50	✓	356413	0.0902
872-6	351	25	25	10.75	✓	313362	0.1980
872-8	351	1	10	14.25	✓	313386	0.2624
872-16	351	25	25	15.50	✓	304056	0.2326

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
872-18	351	1	10	20.75	✓	304032	0.3786
873-240	352	1	10	12.85	✓	306715	0.4530
873-240P	352	1	10	9.85	✓	369666	0.2271
873-350	352	1	10	18.85	✓	304117	1.0138
873-350P	352	1	10	13.35	✓	369765	0.5981
873-460	352	1	10	24.15	✓	304285	0.8850
873-460P	352	1	10	16.40	✓	369772	0.7561
874-1	351	25	1000	0.75		304421	0.0173
874-1C	351	25	1000	1.40		304278	0.0203
874-1W	351	25	100	2.20		306791	0.0227
874-2	351	25	1000	1.15		304261	0.0274
874-3C	351	25	500	1.35		304179	0.0330
874-3W	351	25	1000	3.10		304254	0.0206
874-4	351	25	500	2.25		304193	0.0457
874-4C	351	25	500	1.85		304209	0.0538
874-4W	351	25	100	3.85		304216	0.0554
874-6	351	25	1000	4.50		304223	0.0681
874-6C	351	25	100	2.35		304230	0.0706
874-6W	351	25	100	5.00		351012	0.0709
875-2A	352	20	20	5.00	✓	314048	0.0930
875-2P	352	20	20	5.00	✓	314024	0.1107
875-3A	352	20	20	6.00	✓	314086	0.1719
875-3P	352	20	20	6.00	✓	314062	0.1903
875-4A	352	20	20	7.25	✓	314123	0.2197
875-4P	352	20	20	7.25	✓	265913	0.2422
875-8230P	352	1	10	10.75	✓	304308	0.3192
875-8340P	352	1	10	13.75	✓	304315	0.6519
875-8450P	352	1	10	15.10	✓	304322	0.9435
876-10PK	354	10	10	3.27	✓	302502	0.1228
876-15	354	**20**	20	3.52		304339	0.1568
876-15PK	354	10	10	3.67	✓	302519	0.1638
876-20	354	**20**	20	4.07		304407	0.2708
876-20PK	354	10	10	4.22	✓	302526	0.2778
876-25	354	**20**	20	5.12		304353	0.2728
876-25PK	354	10	10	5.27	✓	302533	0.3428
876-30	354	**20**	20	7.37		304391	0.5148
876-30PK	354	10	10	7.52	✓	302540	0.5218
876-35	354	**20**	20	9.77		304377	0.6623
876-35PK	354	10	10	9.92	✓	302564	0.6678
876-40	354	**20**	20	10.55		304384	0.7053
876-40PK	354	10	10	10.70	✓	302588	0.7181
876-50	354	1	10	18.60		302595	1.0647
876-60	354	1	4	28.60		302601	1.4257
876-60PK	354	10	10	28.75	✓	310514	1.4650
877-20	354	1	20	4.07		365149	0.2398
877-20PK	354	10	10	4.22	✓	302625	0.2086
877-25	354	1	20	5.12		302632	0.3458
877-30	354	1	20	7.37		304445	0.5258
877-30PK	354	10	10	7.52	✓	302649	0.5436
877-35	354	1	20	9.77		304452	0.6623
877-35PK	354	10	10	9.92	✓	302663	0.6801
877-40	354	1	20	10.55		308627	0.5825
877-40PK	354	10	10	10.70	✓	302687	0.6725
877-60	354	1	20	28.60		302700	1.9451
877-915	354	1	20	17.40		356079	0.4038
877-920	354	1	20	20.15		356086	0.4108
877-930	354	1	20	25.15		356109	1.2549
877-935	354	1	20	42.25		356116	1.1168
877-940	354	1	10	48.25		351135	1.7197
877-950	354	1	10	67.50		351036	2.5703
877-960	354	1	4	97.50		356123	3.8517
878-015	353	**25**	25	1.05		304483	0.0414
878-015PK	353	25	25	1.20	✓	307101	0.0550
878-020	353	**25**	25	1.15		304490	0.0585
878-020PK	353	25	25	1.30	✓	307200	0.0599
878-025	353	**25**	25	1.40		350930	0.0689
878-025PK	353	25	25	1.55	✓	307309	0.0840
878-030	353	**25**	25	1.58		304506	0.1054
878-030PK	353	25	25	1.73	✓	307408	0.1158
878-035	353	**25**	25	1.95		304513	0.1391
878-035PK	353	25	25	2.10	✓	307507	0.1480
878-040	353	**25**	25	2.26		304520	0.1651
878-040PK	353	25	25	2.41	✓	307606	0.1703
878-15	353	**25**	25	1.71	✓	304537	0.0471
878-15PK	353	25	25	1.86	✓	307118	0.0485
878-20	353	**25**	25	1.71	✓	304544	0.0648
878-20PK	353	25	25	1.86	✓	307217	0.0650
878-25	353	**25**	25	2.26	✓	304551	0.0857
878-25PK	353	25	25	2.41	✓	307316	0.0988
878-30	353	**25**	25	2.61	✓	304568	0.1138
878-30PK	353	25	25	2.76	✓	307415	0.1230
878-35	353	**25**	25	3.12	✓	304575	0.1396
878-35PK	353	25	25	3.27	✓	307514	0.1485
878-40	353	**25**	25	3.63	✓	304582	0.1708
878-40PK	353	25	25	3.78	✓	307613	0.1760
878-50	353	20	20	9.60	✓	304599	0.7116
878-60	353	8	8	10.90	✓	304605	0.4101
878-915	354	10	20	13.50		356147	0.7950
878-920	354	10	10	13.50		351050	0.1372
878-925	354	10	20	11.75		356154	0.1849
878-930	354	10	10	10.75		304636	0.2880
878-935	354	10	20	13.00		356161	0.9201
878-940	354	10	10	14.50		304643	0.4740
878-950	354	10	10	15.75		351067	1.0247
878-960	354	10	10	22.00		304650	1.1586
878-980	354	10	10	36.50		351074	2.3430
879-015	353	**25**	25	1.05		304667	0.0414
879-015PK	353	25	25	1.20	✓	308108	0.0428
879-020	353	**25**	25	1.15		304674	0.0585
879-020PK	353	25	25	1.30	✓	308207	0.0599
879-025	353	**25**	25	1.40		356178	0.0689
879-025PK	353	25	25	1.55	✓	308306	0.0820
879-030	353	**25**	25	1.58		304681	0.0898
879-030PK	353	25	25	1.73	✓	308405	0.1162
879-035	353	**25**	25	1.95		356185	0.1391
879-035PK	353	25	25	2.10	✓	308504	0.1460
879-040	353	**25**	25	2.26		304698	0.1651
879-040PK	353	25	25	2.41	✓	308603	0.1683
879-15	353	**25**	25	1.71	✓	304704	0.0481
879-15PK	353	25	25	1.86	✓	308115	0.0495
879-20	353	**25**	25	1.71	✓	304711	0.0636
879-20PK	353	25	25	1.86	✓	308214	0.0650
879-25	353	**25**	25	2.26	✓	356192	0.0857
879-25PK	353	25	25	2.41	✓	308313	0.0988
879-30	353	**25**	25	2.61	✓	304728	0.1138
879-30PK	353	25	25	2.76	✓	308412	0.1230
879-35	353	**25**	25	3.12	✓	304735	0.1370
879-35PK	353	25	25	3.27	✓	308511	0.1459
879-40	353	**25**	25	3.63	✓	304742	0.1732
879-40PK	353	25	25	3.78	✓	308610	0.1764
879-50	353	20	20	9.60	✓	304759	0.2944
879-60	353	8	8	10.90	✓	304766	0.7777
880	403	25	25	6.75		304773	0.5412
880-012	413	**100**	500	0.74		302816	0.0461
880-034	413	**50**	250	1.22		302830	0.1117
880-1	413	25	25	2.90		302311	0.2081
880-2	413	25	25	3.40		302328	0.2322
880-3	413	25	25	4.45		302335	0.3716
880-4	413	25	25	5.40		356390	0.4772
880-81	412	**25**	200	0.35		304841	0.0255
880-81C	412	**25**	200	0.38		304858	0.0253
880-81PK	412	50	50	0.51	✓	303035	0.0303
880-82	412	**25**	100	0.41		304872	0.0393
880-82C	412	**25**	100	0.43		304889	0.0350
880-82PK	412	50	50	0.57	✓	303073	0.0331
880-83	412	**10**	50	0.64		304902	0.0697
880-83C	412	**10**	50	0.66		304919	0.0693
880-83PK	412	25	25	0.72	✓	303080	0.0684
880-84	412	**10**	50	0.78		304933	0.0977
880-84C	412	**10**	50	0.80		304940	0.0984
880-84PK	412	25	25	0.90	✓	303103	0.0967
881-01-2	410	**5**	5	22.50		566546	0.1508
881-01-3	410	**5**	5	30.00		566539	0.2925
881-01-4	410	**5**	5	37.50		566522	0.5159
881-01-6	410	**1**	5	55.00		566515	0.5440
881-01-8	410	**2**	2	67.50		566508	2.8605
881-01-10	410	1	1	125.00		566553	5.3837
881-02A	412	1	10	27.50		304964	0.6085

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
881-02FP	412	**100**	1000	0.59		304971	0.0017
881-02H	412	1	25	17.00		304988	0.4189
881-1	413	**100**	1000	0.29		302410	0.0122
881-10	412	**25**	200	0.33	✓	305008	0.0171
881-10C	412	**25**	200	0.35	✓	305015	0.0171
881-12	412	**25**	100	0.38	✓	305022	0.0256
881-12C	412	**25**	100	0.40	✓	305039	0.0256
881-13	412	**10**	50	0.51	✓	305046	0.0464
881-13C	412	**10**	50	0.53	✓	305053	0.0464
881-14	412	**10**	50	0.68	✓	305060	0.0608
881-14C	412	**10**	50	0.70	✓	305077	0.0637
881-2	413	**100**	1000	0.36		302427	0.0135
881-3	413	**50**	500	0.53		356406	0.0332
881-4	413	**50**	500	0.62		302441	0.0546
881-510	410	1	1	550.00		566492	20.9439
881-52	410	1	5	55.00		566485	0.8172
881-53	410	1	5	62.50		566478	1.8453
881-54	410	1	1	72.50		566621	3.2555
881-56	410	1	1	200.00		566591	9.7836
881-58	410	1	1	425.00		566607	15.3662
881-63	410	1	1	88.28		374783	3.5715
881-64	410	1	1	102.80		374608	4.2843
881-66	410	1	1	224.35		374615	8.0175
882-1	408	10	10	3.50	✓	302212	0.1765
882-105	416	1	6	67.75		507594	0.9553
882-110	416	1	6	28.25		507600	0.8034
882-115	408	1	25	20.00		308726	0.3298
882-1P	408	10	10	13.50		351081	0.4260
882-2	408	10	10	3.50	✓	302229	0.2426
882-2P	408	10	10	13.50		305176	0.4566
882-3	408	10	10	5.25	✓	302236	0.3800
882-35	408	10	10	6.50	✓	302298	0.4837
882-3P	408	10	10	15.25		305220	0.6353
882-4	408	10	10	6.50	✓	302243	0.4837
882-41	408	10	10	8.50	✓	302304	0.6677
882-4P	408	10	10	16.50		351098	0.8817
882-95	409	1	30	27.50		305275	1.0660
882-96	409	1	30	30.00		305282	1.0700
882-98	409	1	12	65.00		305299	2.0330
882-CS202	409	10	100	4.15		357557	0.1144
882-CS302	409	10	100	4.95		357540	0.2241
882-CS402	409	10	100	7.85		357533	0.4112
882-EB152	409	10	100	4.15		357526	0.0197
882-EB220	409	10	100	4.15		357519	0.0790
882-EB320	409	10	100	6.65		357502	0.3577
882-EB350	409	10	100	8.05		357496	0.4285
882-EB420	409	10	100	9.05		357489	0.5394
882-EH24	416	1	12	22.50	✓	305305	0.2583
882-EH36	416	1	12	25.00	✓	305312	0.6775
882-EH60	416	1	12	32.50	✓	305329	0.5688
882-EHPG	416	1	1	57.50	✓	305336	4.3388
882-EL23	411	1	1	125.00	✓	305343	2.1500
882-EL34	411	1	1	150.00	✓	305350	4.1900
882-EL46	411	1	1	300.00	✓	305367	4.2800
882-ES12	411	1	1	45.00	✓	305374	0.4300
882-ES23	411	1	1	47.50	✓	305381	0.5500
882-ES34	411	1	1	47.50	✓	305398	0.7000
882-ES46	411	1	1	107.50	✓	305404	2.8406
882-ST152	409	10	100	4.15		357472	0.0110
882-ST202	409	10	100	4.15		357465	0.0126
882-ST300	409	10	100	6.05		357458	0.3549
882-ST302	409	10	100	4.95		357441	0.2626
882-ST402	409	10	100	7.85		357434	0.4354
882-ST602	409	10	10	12.30		357427	0.9758
882-ST802	409	10	10	25.48		357410	2.0576
882-TT2	411	1	10	45.05	✓	305411	0.6234
882-TT3	411	1	1	50.08	✓	305428	1.2024
882-TT4	411	1	1	57.85	✓	305435	2.3072
883-AT	384	**25**	25	3.45	✓	303097	0.6063
883-ATM	384	24	24	6.50	✓	310156	0.7193
883-ATPK	384	8	8	3.60	✓	303097	0.6442
883-PT	384	**25**	25	3.45	✓	303059	0.7410
883-PTM	384	24	24	6.50	✓	310163	0.8563
883-PTPK	384	8	8	3.60	✓	303059	0.8142
884-ATM	384	**24**	24	6.70	✓	303189	0.6952
884-ATMPK	384	8	8	6.85	✓	303189	0.7256
884-PTM	384	**24**	24	6.70	✓	303141	0.8249
884-PTMPK	384	8	8	6.85	✓	303141	0.9662
886-411	389	20	20	5.25	✓	303523	0.3306
886-4A	386	**25**	25	5.50	✓	305510	0.5362
886-4AM	386	25	25	8.75	✓	356635	0.7249
886-4AMSPK	386	6	6	8.90	✓	303691	0.6617
886-4APK	386	6	6	5.65	✓	303752	0.5717
886-4AT	384	**25**	25	6.00	✓	352071	0.6504
886-4ATM	384	**25**	25	9.00	✓	352057	0.6715
886-4ATMPK	384	8	8	9.15	✓	352057	0.6813
886-4ATMS	384	**25**	25	9.00	✓	352064	0.6568
886-4ATMSPK	384	8	8	9.15	✓	352064	0.7056
886-4ATS	384	**25**	25	6.00	✓	352088	0.6138
886-4P	386	**25**	25	5.50	✓	303608	0.6650
886-4PM	386	25	25	8.75	✓	356628	0.7137
886-4PMSPK	386	6	6	8.90	✓	303684	0.7192
886-4PPK	386	6	6	5.65	✓	303745	0.6438
886-4PS	386	25	25	5.60	✓	356765	0.6650
886-4PT	384	**25**	25	6.00	✓	352118	0.8404
886-4PTM	384	**25**	25	9.00	✓	352095	0.7786
886-4PTMPK	384	8	8	9.15	✓	352095	0.8050
886-4PTMS	384	**25**	25	9.00	✓	352101	0.8645
886-4PTMSPK	384	8	8	9.15	✓	352101	0.7988
886-4PTS	384	**25**	25	6.00	✓	352125	0.7904
886-A	386	**20**	20	2.65	✓	303066	0.5152
886-APK	386	10	10	2.80	✓	303066	0.4915
886-ATMS	384	**25**	25	10.30	✓	352132	0.5910
886-ATMSPK	384	8	8	10.45	✓	352132	0.6300
886-ATS	384	25	25	8.05	✓	352149	0.5405
886-ER	388	25	25	2.00		303561	0.1922
886-GA	385	5	5	17.50	✓	380944	0.6738
886-GP	385	5	5	17.50	✓	380937	0.6838
886-MR	388	20	20	5.85	✓	303448	0.3704
886-MRM	388	8	8	15.25	✓	309105	0.6500
886-MRPK	388	10	10	6.00	✓	303448	0.3470
886-P	386	**20**	20	2.70	✓	303028	0.6102
886-PPK	386	10	10	2.85	✓	303028	0.6309
886-PT30	384	25	25	5.25	✓	356611	0.6092
886-PTM30	384	25	25	8.50	✓	352156	0.6276
886-PTMS	384	**25**	25	10.30	✓	352163	0.6868
886-PTMSPK	384	8	8	10.45	✓	352163	0.7294
886-PTS	384	25	25	8.05	✓	352170	0.7105
886-R	389	20	20	3.30	✓	303424	0.2722
886-RQ	389	20	20	2.30	✓	378644	0.1470
886-RQK	389	1	25	7.75	✓	317445	0.5377
887-AM	386	25	25	6.50		303165	0.6336
887-GAM	385	6	6	19.00	✓	303844	0.6242
887-GPM	385	6	6	19.00	✓	303820	0.6843
887-GPTMK	385	6	6	29.00	✓	339270	1.7360
887-PM	386	25	25	6.50	✓	303127	0.7444
888-A	386	**20**	20	4.25	✓	305633	0.4802
888-AM	386	12	12	9.25	✓	356581	0.8402
888-APK	386	10	10	4.40	✓	303363	0.4300
888-ATM	384	**25**	25	6.40	✓	352187	0.5328
888-ATMPK	384	8	8	6.55	✓	352187	0.6679
888-GAM	385	6	6	25.50	✓	378279	0.7017
888-GPM	385	6	6	25.50	✓	356598	0.6967
888-P	386	**20**	20	4.25	✓	365132	0.6077
888-PM	386	12	12	9.25	✓	356574	1.0337
888-PPK	386	10	10	4.40	✓	303325	0.6865
888-PTM	384	**25**	25	6.40	✓	352200	0.6222
888-PTMPK	384	8	8	6.55	✓	352200	0.6438
889-45AM	387	20	20	15.00	✓	352217	0.7823
889-45AMPK	387	10	10	15.15	✓	352217	0.8070
889-45AMPK2	387	6	6	15.15	✓	352217	0.8008
889-45PM	387	**20**	20	15.00	✓	305664	0.9850
889-45PMPK	387	10	10	15.15	✓	303288	0.9620
889-45PMPK2	387	6	6	15.15	✓	303288	1.0272
889-AOM	386	**20**	20	10.50	✓	305671	0.9110
889-AOMPK	386	6	6	10.65	✓	303240	0.9412
889-AOTM	386	20	20	11.25	✓	357403	0.8573
889-GAOM	386	5	5	25.00	✓	309068	0.9400

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders.
Items that are bold in the Min Qty column may NEVER be broken

Item No	Page No.	Min Qty	Case Qty	List Price	UPC Bar-Coded	UPC 6-Digit 739236	Weight (lbs.)
889-GPOM	386	5	5	25.00	✓	313225	0.9400
889-POM	386	**20**	20	10.50	✓	305688	1.0582
889-POMPK	386	6	6	10.65	✓	303226	1.1344
889-POTM	386	20	20	11.25	✓	357397	1.1265
890-4BDPK	387	10	10	22.50	✓	303554	0.8605
890-4BPK	387	10	10	16.75	✓	303547	0.6585
890-I42	387	4	4	17.50		303622	3.8559
890-I42B	387	**500**	500	16.50		305701	3.3200
891-0312A	404	5	5	13.25	✓	311320	0.7092
891-0312P	404	5	5	13.25	✓	310323	0.6814
891-033P	404	5	5	14.00	✓	310330	0.9239
891-0412A	404	5	5	14.25	✓	311429	0.8696
891-0412P	404	5	5	14.25	✓	310422	0.8763
891-043P	404	5	5	15.50	✓	310439	1.1318
891-044P	404	5	5	15.75	✓	310446	1.2410
970-112	259	**20**	20	6.55		302120	0.5952
970-117	259	**12**	12	11.55		508911	1.3920
970-208	258	**1**	12	21.12	✓	302083	0.7500
970-214	258	**1**	12	25.12	✓	302144	1.7670
970-214S	258	1	6	22.55	✓	100702	1.7750
970-269S	258	1	6	18.55	✓	100719	0.7500
971-1414	259	1	1	86.26		101143	5.5000
971-1430	259	1	1	125.00		101150	11.0000

A 10% surcharge will be applied to any item NOT purchased in multiples of the stated Minimum Quantity, except on drop ship orders. Items that are bold in the Min Qty column may NEVER be broken

SAMPLES & ORDER FORM

TRY ME PACKS 520

Try Me Packs 520

Order Form 522

TRY ME PACKS

You don't always want to buy first. Sometimes you need to field test a product to get the hands on experience and to see if Tomahawk has what you need. See what we see by ordering Try Me Packs at no charge, for your real life on-the-job needs.



Try Me Pack No.	Item Description	Contents
	SUPPLY	
X1620	Fittings for Sweat	1 × 612-2, 505-29, 614-2, 613-57, 609-L246, 608-L246, 622-M06,609-L263A, 609-L263X, 609-L263Y
X1640	Fittings for PEX	2 × 649X2 1 × 641XB222, 642X2, 645X2, 632X222, 630X246, 643X2, 647X2E, 632X263,638X208, 632X263X, 632X263Y, 644X2
X1660	Fittings for CPVC	2 × 551-2C 1 × 647-C2E3, 646-C2, 632-C283, 637-C20, 630-C248, 632-C263X, 632-C263Y
X1670	Full Slip Brass Adapter	2 × 614-22C
X1673	Tub Spout Elbow	1 × 613-67, 928-2
X6231	Hydra-Rester cutaway sample	1 × 652-A
X6232	Mini-Rester cutaway sample	1 × 660-2B
X6235	Tug Spout cutaway short sample	1 × 972-32
	DRAINAGE	
X1883	TKO (PVC) with Plumb Perfect closet bolts	1 × 883-PT, 425-PB
X1883A	TKO (ABS) with Plumb Perfect closet bolts	1 × 883-AT, 425-PB
X1884A	TKO (ABS, metal ring) closet flange with Plumb Perfect closet bolts	1 × 884-ATM, 425-PB
X1884P	TKO (PVC, metal ring) closet flange with Plumb Perfect closet bolts	1 × 884-PTM, 425-PB
X1886	Raise-A-Ring with Plumb Perfect closet bolts	1 × 886-R, 427-PB
X1886M	Ringer with Plumb Perfect closet bolts	1 × 886-MR, 425-PB
X1889A	Drop Kick (ABS) with Plumb Perfect closet bolts	1 × 889-45AM, 425-PB
X1889P	Drop Kick (PVC) with Plumb Perfect closet bolts	1 × 889-45PM, 425-PB
X1890-A	Full Flush (ABS) with Plumb Perfect closet bolts	1 × 425-PB. 889-AOM
X1890-P	Full Flush (PVC) with Plumb Perfect closet bolts	1 × 425-PB, 889-POM
	SUPPORT	
X1502Combo	TouchDown tube clamp	3 × 550-11 1 × 550-20
X1503	½" Tube Talon CTS hanger	20 × 555-2
X1507	½" Padlock CTS hanger	5 × 551-P2
X1508-1	Colored Pipe Eye	2 × 558-M2C, 558-M2H 1 × 558-M3C, 558-M3H
X1509	½" Sioux Straps	5 × 551-2
X1511	Twin Talon CTS hanger	5 × 555-23
X1511Combo	Twin Talon Combo	4 × 555-23 2 × 555-45B
X1520	Edge Bracket and Clamp	2 × 520-E1622 4 × 520-221
X1521	Secure-All Bracket	4 × 521-851
X1523	Power Bar	2 × 523-16 1 × 523-1624, 523-2424

TRY ME PACKS

Try Me Pack No.	Item Description	Contents
	SUPPORT (CONTINUED)	
X1525	Square O tube hanger	4 × 505-24
X1526	Stick-Em Up	1 × 549-712
X1527	Power Bar with all accessories	4 × 523-2424 1 × 523-01, 523-1, 523-31, 523-32, 523-33, 523-34, 550-20, 574-72 Literature
X1528	Power Bar with Drop Ear elbow	1 × 523-24, 616-2E, screws Literature
X1529	Power Bar Mini-Strut	2 × 523-2MS2
X1530	Strong Arm with Lock Blocks	2 × 525-1622 1 × 525-1612, 525-1623
X1531	BiFolator	4 × 558-23, 558-23B 2 × 558F23
X1531F	BiFolator E84 Fire Rated	6 × 553F23
X1533	Strong Arm Plastic Bend Support	2 × 525-162PB
X1534	Pex Bend Elbow	5 × 525-P2 10 × ring shank nails
X1535	Strong Arm with Shower Wallnut Lock Block	2 × 525-16WLB assemblies with screws
X1536	L Bent Strong Arm Brackets with PEX Bend Support	2 × 525-162PBL, screws Installation instructions
X1537	Lock Block Face Plate	2 × 525-P2M, screw packs (4/bag) 1 × 525-B2, 525-P22 Installation instruction
X1544	Sammy Screws	1 × 590-4411, 590-4412, 590-4423, 590-4433, 590-4435
X1545	Big Twin Talon (See X1511Combo)	2 × 555-45B
X1552A	Totem, single version	3 × 552-A2, 552-A3 6 nails
X1552B	Totem, twin version	2 × 552-B22, 552-B23, 552-B33 6 nails
X1552C	Totem, stacked version	2 × 552-C22, 552-C23, 552-C33 6 nails
X1556	Pick Up Talon	25 × 556-2
X1556C	Pick Up Talon, ivory	25 × 556-2C
X1556H	Pick Up Talons with stainless steel screws	4 × 556-2HSDR 2 × 556-3HSDR
X1560	Suspension Clamp E84 Fire Rated	2 × 557F2
X1561	Pipe Eye Insulator E84 Fire Rated	2 × 558FM2
X1562	Tube Clamp E84 Fire Rated	2 × 559F2
X1563	Pipe Eye Suspension Bracket	1 × 521-558, 558-M2, 558-M3, 558-M4
X1569	Power Bar E84 Fire Rated	2 × 523F2424
X1570	TouchDown Beam Clamp	2 × 550-11E, 550-20E, 1-550-20E Installation instruction
X1571	A-1 Pipe Bracket	1 × 521-6417, 521-6418, 558-M2H, 558-M2C Literature
	SIGNAGE	
X6140	Vinyl banner with grommets 30" × 60"	
X6151	Plastic sign 12" × 24"	



Sioux Chief

Order Form

Please COPY this form for future orders

DATE		
PAGE	OF	

INSTRUCTIONS

1. Fill in all Bill to and Ship to information.
2. Complete one line for each item ordered and fully extend for item total. Add all lines for order total.
3. Fax or mail page(s) to factory, representative or wholesaler.

BILL TO

new address ☐

Qualified wholesale distributors only

Purchase order no.			
Contact name			
Company			
Street address			
City			
State		Zip	
Phone		Fax	
Special instructions			

SHIP TO

new address ☐

Leave blank if same as "bill to"

Purchase order no.			
Contact name			
Company			
Street address			
City			
State		Zip	
Phone		Fax	
Special instructions			

ORDER

	Item No.	Description	Qty.	List Price Each	List Price Total	Mult.	Net Price Total
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
Signature / Date				Order Totals			

Sioux Chief Manufacturing Company, Inc.
P.O. Box 397 24110 South Peculiar Drive
Peculiar, Missouri 64078 USA
P 1.800.821.3944 or 816.779.6104
F 1.800.758.5950 or 816.758.5950
www.siouxchief.com
info@siouxchief.com

Sioux Chief

REFERENCE DATA

TECHNICAL 524

Pipe & Tube Dimensions 524

Hanger Spacing 525

Labor Cost Savings 525

MARKS & INSIGNIA 526

PIPE & TUBE DIMENSIONS

1 cubic ft of water weighs 62.41 lbs.
1 cubic meter of water weighs 100 kg.
1 gallon (US) of water weighs 8.335 lbs.
1 liter of water weighs 1 kg.

Copper water tube and copper sweat fittings are referenced by their nominal (nom) size, which approximates the inside diameter (I.D.) waterway of the tube (½" nom, ¾" nom, etc.). Compression fittings are referenced by the outside diameter (O.D.) of the tube they connect to (⅝" O.D., ⅞" O.D., etc.). Copper water tube is manufactured to conform to ASTM Standard B 88.

Nominal Tube Size	O.D. Size (in.)	Wall Thickness (in.)	Weight of Tube (lbs/ft)	Weight of Pipe Full of Water (lbs/ft)
SCHEDULE 40 STEEL				
⅛"	0.405	0.068	0.2	0.4
¼"	0.540	0.088	0.4	0.5
⅜"	0.675	0.091	0.6	0.7
½"	0.840	0.109	0.8	0.9
¾"	1.050	0.113	1.1	1.3
1"	1.315	0.133	1.7	2.1
1¼"	1.660	0.140	2.3	2.9
1½"	1.900	0.145	2.7	3.6
2"	2.375	0.154	3.6	5.0
2½"	2.875	0.203	5.8	7.9
3"	3.500	0.216	7.6	10.8
3½"	4.000	0.226	9.1	13.4
4"	4.500	0.237	10.8	16.3
SCHEDULE 40 PVC				
⅛"	0.405	0.068	0.04	0.06
¼"	0.540	0.088	0.07	0.11
⅜"	0.675	0.091	0.10	0.18
½"	0.840	0.109	0.15	0.25
¾"	1.050	0.113	0.20	0.40
1"	1.315	0.133	0.30	0.70
1¼"	1.660	0.140	0.40	1.00
1½"	1.900	0.145	0.50	1.40
2"	2.375	0.154	0.60	2.00
2½"	2.875	0.230	1.00	3.10
3"	3.500	0.216	1.30	4.50
3½"	4.000	0.226	1.60	5.90
4"	4.500	0.237	1.90	7.40
SCHEDULE 40 CPVC				
¼"	0.540	0.088	0.09	0.12
½"	0.840	0.109	0.19	0.28
¾"	1.050	0.113	0.25	0.43
1"	1.315	0.133	0.38	0.76
1¼"	1.660	0.140	0.51	1.08
1½"	1.900	0.145	0.61	1.49
2"	2.375	0.154	0.82	2.12
2½"	2.875	0.230	1.29	3.29
3"	3.500	0.216	1.69	4.75
4"	4.500	0.237	2.33	7.68
SCHEDULE 80 STEEL				
⅛"	0.405	0.095	0.3	0.4
¼"	0.540	0.119	0.5	0.6
⅜"	0.675	0.126	0.7	0.8
½"	0.840	0.147	1.1	1.2
¾"	1.050	0.154	1.5	1.7
1"	1.315	0.179	2.2	2.5
1¼"	1.660	0.191	3.0	3.5
1½"	1.900	0.200	3.6	4.3
2"	2.375	0.218	5.0	6.3
2½"	2.875	0.276	7.6	9.4
3"	3.500	0.300	10.2	13.0
3½"	4.000	0.318	12.5	16.3
4"	4.500	0.337	15.0	20.0
SCHEDULE 80 PVC				
⅛"	0.405	0.095	0.05	0.06
¼"	0.540	0.119	0.09	0.12
⅜"	0.675	0.126	0.10	0.16
½"	0.840	0.147	0.10	0.20
¾"	1.050	0.154	0.20	0.40
1"	1.315	0.179	0.40	0.70
1¼"	1.660	0.191	0.50	1.00
1½"	1.900	0.200	0.60	1.30
2"	2.375	0.218	0.90	2.20
2½"	2.875	0.276	1.30	3.10
3"	3.500	0.300	1.80	4.60
3½"	4.000	0.318	2.20	6.00
4"	4.500	0.337	2.60	7.60
SCHEDULE 80 CPVC				
¼"	0.540	0.119	0.12	0.16
½"	0.840	0.147	0.24	0.31
¾"	1.050	0.154	0.33	0.48
1"	1.315	0.179	0.49	0.85
1¼"	1.660	0.191	0.67	1.18
1½"	1.900	0.200	0.81	1.61
2"	2.375	0.218	1.09	2.26
2½"	2.875	0.276	1.65	3.49
3"	3.500	0.300	2.21	5.02
4"	4.500	0.337	3.23	8.08
SCHEDULE 80 POLYPRO				
½"	0.840	0.147	0.14	0.19
¾"	1.050	0.154	0.19	0.33
1"	1.315	0.179	0.27	0.49
1¼"	1.660	0.191	0.38	0.85
1½"	1.900	0.200	0.45	1.18
2"	2.375	0.218	0.62	1.61
SCHEDULE 80 PVDF				
½"	0.840	0.147	0.24	0.31
¾"	1.050	0.154	0.33	0.48
1"	1.315	0.179	0.49	0.85
1¼"	1.660	0.191	0.67	1.18
1½"	1.900	0.200	0.81	1.61

Nominal Tube Size	O.D. Size (in.)	Wall Thickness (in.)	Weight of Tube (lbs/ft)	Weight of Pipe Full of Water (lbs/ft)
2"	2.375	0.218	1.13	2.26
COPPER TYPE K				
¼"	0.375	0.035	0.14	0.17
⅜"	0.500	0.049	0.27	0.32
½"	0.625	0.049	0.34	0.43
⅝"	0.750	0.049	0.42	0.56
¾"	0.875	0.065	0.64	0.83
1"	1.125	0.065	0.84	1.18
1¼"	1.375	0.065	1.04	1.57
1½"	1.625	0.072	1.36	2.10
2"	2.125	0.083	2.06	3.37
2½"	2.625	0.095	2.92	4.92
3"	3.125	0.109	4.00	6.96
3½"	3.625	0.120	5.12	9.02
4"	4.125	0.134	6.51	11.57
COPPER TYPE L				
¼"	0.375	0.030	0.12	0.15
⅜"	0.500	0.035	0.20	0.26
½"	0.625	0.040	0.28	0.38
⅝"	0.750	0.042	0.36	0.51
¾"	0.875	0.045	0.45	0.66
1"	1.125	0.050	0.65	1.01
1¼"	1.375	0.055	0.88	1.42
1½"	1.625	0.060	1.14	1.91
2"	2.125	0.070	1.75	3.09
2½"	2.625	0.080	2.48	4.54
3"	3.125	0.090	3.33	6.28
3½"	3.625	0.100	4.29	8.28
4"	4.125	0.110	5.38	10.57
COPPER TYPE M				
½"	0.625	0.028	0.204	0.314
¾"	0.875	0.032	0.328	0.551
1"	1.125	0.035	0.465	0.843
1¼"	1.375	0.042	0.682	1.25
1½"	1.625	0.049	0.940	1.73
2"	2.125	0.058	1.460	2.83
2½"	2.625	0.065	2.030	4.14
3"	3.125	0.072	2.680	5.70
3½"	3.625	0.083	3.580	7.64
4"	4.125	0.095	4.660	9.83
COPPER TYPE DWV				
1¼"	1.375	0.040	0.65	1.22
1½"	1.625	0.042	0.81	1.62
2"	2.125	0.042	1.07	2.48
3"	3.125	0.045	1.69	4.81
4"	4.125	0.058	2.87	7.88
CAST IRON EXTRA WEIGHT				
2"	2.38	0.190	5.0	6.6
3"	3.50	0.250	9.0	12.7
4"	4.50	0.250	12.0	18.5
CAST IRON SERVICE WEIGHT				
2"	2.25	0.17	4	5.5
3"	3.25	0.17	6	9.4
4"	4.25	0.18	8	14.2

Nominal Tube Size	O.D. Size (in.)	Wall Thickness (in.)	Weight of Tube (lbs/ft)	Weight of Pipe Full of Water (lbs/ft)
NO-HUB CAST IRON				
1½"	1.90	0.16	2.7	6.2
2"	2.35	0.16	3.6	8.6
3"	3.35	0.16	5.2	13.5
4"	4.38	0.19	7.4	20.2

Hanger Spacing

Data from 2012 International Plumbing Code, Table 308.5.

Piping Material	Maximum Horizontal Spacing (ft)	Maximum Vertical Spacing (ft)
ABS pipe	4	10 [2]
aluminum tubing	10	15
brass pipe	10	10
cast-iron pipe	5 [1]	15
copper or copper-alloy pipe	12	10
copper or copper alloy tubing, ≤ 1¼" diameter	6	10
copper or copper alloy tubing, ≥ 1½" diameter	10	10
PEX pipe	2.67	10 [2]
PEX-AL-PEX pipe	2.67	4
CPVC pipe or tubing, ≤ 1"	3	10 [2]
CPVC pipe or tubing, ≥ 1¼"	4	10 [2]
steel pipe	12	15
lead pipe	continuous	4
PE-AL-PE pipe	2.67	4
PE-RT pipe	2.67	10 [2]
PP pipe or tubing, ≤ 1"	2.67	10 [2]
PP pipe or tubing, ≥ 1¼"	4	10 [2]
PVC pipe	4	10 [2]
stainless steel drainage systems	10	10 [2]

[1] The maximum horizontal spacing of cast iron pipe hangers shall be increased to 10 ft where 10-ft lengths of pipe are installed.
[2] Midstory guide for sizes 2" and smaller.

Labor Cost Savings

Money retained when saving time using Sioux Chief products.

Labor Cost Per Hour Per Worker (wage + overhead + benefits + taxes)	2 min.	4 min.	6 min.	8 min.	10 min.
$20.00	0.66	1.32	1.98	2.64	3.30
$26.00	0.86	1.72	2.58	3.44	4.30
$32.00	1.06	2.12	3.18	4.24	5.30
$38.00	1.26	2.52	3.78	5.04	6.30
$44.00	1.46	2.92	4.38	5.84	7.30
$48.00	1.60	3.20	4.80	6.40	8.00
$54.00	1.80	3.60	5.40	7.20	9.00
$60.00	2.00	4.00	6.00	8.00	10.00
$66.00	2.20	4.40	6.60	8.80	11.00
$72.00	2.40	4.80	7.20	9.60	12.00

MARKS & INSIGNIA

No Lead
A mark used to signify individual Sioux Chief items, categories or subsections that comply with the material requirements of the California Lead Plumbing Law and/or NSF-61 Annex G.

IPC
A mark used to signify individual Sioux Chief items, categories or subsections that are in compliance with the International Plumbing Code.

ASSE
A mark used to signify individual Sioux Chief items, categories or subsections that have been tested to and certified by ASSE to the applicable ASSE product standard.

UPC
A mark used to signify individual Sioux Chief items, categories or subsections that have been listed by IAPMO and are in compliance with the Uniform Plumbing Code.

cUPC
A mark used to signify individual Sioux Chief items, categories or subsections that have been listed by IAPMO and are in compliance with the Uniform Plumbing Code and the National Plumbing Code of Canada.

cIAPMO
A mark used to signify individual Sioux Chief items, categories or subsections that have achieved a classified listing from IAPMO, for products that lie outside the scope of the Uniform Plumbing Code.

CSA
A mark used to signify individual Sioux Chief items, categories or subsections that are certified by CSA to applicable national standards.

NSF
A mark used to signify individual Sioux Chief items, categories or subsections that are certified by NSF to applicable national standards.

FGG/BM/CZ
A mark used to signify individual Sioux Chief items, categories or subsections that are tested and monitored by NSF to assure chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan®, registered trademarks of Lubrizol Corporation.

WH
A mark used to signify individual Sioux Chief items, categories or subsections that are certified by Interetek/Warnock Hersey to applicable American and Canadian standards.

SALES & REPS INFO

SIOUX CHIEF SERVICE TEAM 528

Customer Service 528

Sales 528

REPRESENTATIVES MAP & SHIPPING MAP 529

REPRESENTATIVES 530

SIOUX CHIEF SERVICE TEAM

Customer Service



Deanna
Dir CS & RS
x324



Michelle
CS Mgr
x231



Jane
Sales Admin Mgr
x315



Gina
CS Rep
x281



Mai
CS Rep
x211



Micah
CS Rep
x270



Jennifer
Sales Admin
x224



Evette
CS Rep
x249



Rebecca
CS Rep
x239



Crystal
CS Rep
x210



Marie
EDI Coord
x280



Pam
Retail Admin Asst
x312



Keri
Sales Admin
x228

Para servicio en Español favor de marcar la extensión 249.

P 1.800.821.3944
F 1.800.758.5950

Sales



Ed
VP-Sales & Mkt
x325



Wade
Natl Sales Mgr
x259



Michael
Regional Sales Mgr
x227



Mike
Regional Sales Mgr



Mitch
Regional Sales Mgr
x248



Brandon
Regional Sales Mgr
x327



Doug
Regional Sales Mgr
x306



Lilliard
Commercial
x251



Eric
Int & OEM
x326



Derrick
Retail
x314



Kirk
Factory Rep



Paul
Factory Rep



Kris
Inside Sales
x250



Jake
Inside Sales
x271



Randy
Inside Sales
x273



Rachel
Retail Sales
x341



John
Inside Sales
x282



Michael
Inside Sales
x337

P 816.779.6104
F 816. 758. 5950

REPRESENTATIVES MAP & SHIPPING MAP



FOR REPRESENTATIVE CONTACT INFO

»SEE NEXT PAGE



LESS THAN TRUCKLOAD SHIPPING TIME

»FROM PECULIAR, MISSOURI

1	2	3	4
NEXT DAY	2ND DAY	3RD DAY	4TH DAY

SIOUX CHIEF REPRESENTATIVES

	COMPANY	PHONE	FAX	TERRITORY	WEBSITE OR EMAIL
			USA		
01	Badgerland Trading of Wisconsin	(262) 827-3177	(262) 827-3176	upper MI, WI	badgerlandtrading.com
02	Barger Associates	(757) 873-4574	(757) 873-9530	southern VA	tolson@barger-assoc.com
03	Bobier Sales, Inc.	(602) 304-0001	(602) 304-0005	AZ	bobiersales.com
04	Bull's I Sales	(913) 649-8391	(913) 649-8594	IA, eastern and central NE	bullsisales.com
05	Carolina Sales Associates	(803) 831-7227	(803) 831-2565	NC, SC	carolinasalesassoc.com
06	Cathell & Associates	(410) 323-9881	(410) 433-1548	southern DE, DC, MD, northern VA	cathell.com
07	Champions Marketing	(281) 955-6580	(281) 351-1125	LA, TX (except El Paso)	championsmarketing.net
08	Cope-Wardell-Ammon Assoc., Inc.	(610) 485-2828	(610) 485-7171	southern NJ, eastern PA, northern DE	cwaassociates.com
09	Davenport Associates	(800) 875-2389	(800) 451-5941	CT, MA, ME, NH, RI, VT	davenportassociates.com
10	Dellon Sales Company, Inc.	(516) 625-2626	(561) 625-3030	New York, NY, northern NJ	dellonsales.com
11	Exceptional Product Sales	(586) 286-3240	(586) 286-3241	lower MI	exprsa.com
12	Gordon & Associates	(360) 566-1470	(360) 566-1478	AK, northern ID, OR, WA	gordonandassoc.com
13	Hart, Travers & Associates	(800) 535-8525	(630) 261-1818	northern IL, northwest IN	harttraversassoc.com
14	Kirk Livernash	(702) 235-7635	(702) 476-3056	southern CA, southern NV (Bakersfield, Las Vegas) North of the Simi Valley and the San Fernando Valley	Kirk.Livernash@siouxchief.com
15	L & R Associates, Inc.	(412) 461-2476	(412) 461-2476	western PA, WV	landrassocinc.com
16	Lowder Sales, Inc.	(614) 451-7255	(614) 451-0450	KY, OH	lowdersales.com
17	M R Associates, Inc.	(314) 962-8960	(314) 962-2104	southern IL, eastern MO	mrassocinc.com
18	McKee-Nix & Associates, Inc.	(770) 934-8061	(770) 934-3233	GA, TN	mckeenix.com
19	Northland Reps	(952) 854-3905	(952) 854-5210	MN, ND, SD	northlandreps.com
20	NSC Marketing	(405) 602-2800	(405) 602-2824	AR, OK	N/A
21	Paramount Sales	(925) 373-0817	(925) 373-1048	northern CA, NV	paramountsales.biz
22	Paul Adelman	(760) 583-5726	(800) 758-5950	Los Angeles, CA, San Diego, CA, HI	Paul.Adelman@siouxchief.com
23	RL Sales, LLC	(317) 690-2269	N/A	IN	rlsales.net
24	RSL Sales Associates	(800) 538-4792	(352) 237-0438	FL peninsula	rslsales.com
25	SFE Enterprises, Inc.	(816) 322-2206	(816) 322-5560	KS, western MO	mmoore@sfe.cc
26	T M Sales	(303) 375-1515	(303) 375-0305	CO, MT, western NE, WY	tmsalesinc.com
27	Tim Morales & Associates, Inc.	(251) 602-8333	(251) 602-8339	AL, FL panhandle, MS	timmorales.com
28	Tony Sutherland	(801) 916-9853	(801) 290-2513	ID, UT	tonyevent@aol.com
29	Twin "D" Associates	(518) 862-9500	(518) 464-3410	upstate NY	twindassociates.com
30	W W Sales Company	(505) 878-0636	(505) 878-0638	NM, western TX (El Paso)	don@wwsalesco.com
			CANADA/PUERTO RICO		
31	Can-Aqua International	(450) 625-3088	(450) 625-8617	QC	can-aqua.ca
32	Hy-Line Sales Ltd.	(604) 856-8684	(604) 831-2869	BC	hylinesales.com
33	MMS Mechanical Sales	(902) 826-2482	(902) 830-2353	NL, NB, NS, PE	munnrobert@eastlink.ca
34	Reliable Sales Agency, Inc.	(787) 752-6690	(787) 752-6920	Puerto Rico	josereliablesales@gmail.com
35	TriSon Sales, Inc.	(289) 337-6012	(289) 337-6012	ON	trisonsales.com
36	Viper Sales & Marketing	(403) 663-5797	(403) 265-5779	AB	vipersales.ca
37	WestCan Mechanical Sales Ltd.	(306) 347-2700	(306) 359-3515	SK, MB	westcanmechanical@sasktel.net

WARRANTY

WARRANTY 532
Limited LIfetime Warranty 532
Terms & Conditions 532

TAKE THE FIELD.

WARRANTY

Limited Lifetime Warranty

Sioux Chief Mfg. Co., Inc. ("Seller" or "the Seller") warrants its products to be free from defects in material and workmanship under normal usage for the lifetime of the plumbing system in which they were originally incorporated. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

This remedy shall be effective only if the product was installed in accordance with supplied instructions, common installation or use practices and existing building and plumbing codes and legal requirements; has not been subjected to misuse or abuse; was at all times used in a manner consistent with its intended use; was at all times used in installations and environments acceptable to its material and design specifications; was never modified, altered or repaired by anyone other than the Seller; was properly subjected to and passed common testing methods (including pressure testing for potable water and drainage systems) immediately after the product's installation and before the product is put into service; was not damaged by freezing, corrosion, degradation or other adverse water, atmospheric or other natural conditions; was never subjected to improper protection during the installation or exposure to water pressures or temperatures outside acceptable operating conditions. In addition, Seller shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, chemical or any other circumstances over which the Seller has no control. This warranty excludes all costs arising from routine maintenance, including the replacement of any parts required by such maintenance and the replacement of parts required by normal wear and tear. The Seller also reserves the right to modify, alter or improve its product, or parts thereof, at any time without incurring an obligation to notify or modify, alter, improve or replace any product, or parts thereof, previously sold. If, on any occasion, Seller waives any term or condition, this waiver is not to be construed as a continuing waiver. For the purposes of this warranty, the lifetime of the original plumbing system is defined as the lesser of 25 years or the time before the plumbing system was replaced or materially changed; all products with automatically or manually moving parts are excluded from the limited lifetime warranty and carry a 3-year limited warranty, subject to the remaining terms, conditions and limitations of the warranty. Some States do not allow or have other parameters governing limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights. THE WARRANTY SET FORTH HEREIN ABOVE AND BELOW IS GIVEN EXPRESSLY AND IS THE ONLY WARRANTY GIVEN BY THE COMPANY WITH RESPECT TO THE PRODUCT. THE COMPANY MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE COMPANY HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Terms & Conditions

All sales are subject to the Standard Terms and Conditions set forth on Sioux Chief's website at www.siouxchief.com. These terms include the following:

Returned Goods No material shall be returned without authorization. When credit is issued it will be at the price charged, less handling charges based on costs of reconditioning, boxing, etc. Products that are obsolete or made to special order are not returnable. No merchandise will be accepted by Seller as a return unless such return is authorized in writing by Seller.

Returned Goods & Warranty Service

In order to return product or receive warranty service, customers must obtain a Return Goods Authorization ("RGA") by contacting Seller using the following information:

MAIL: Customer Service Manager, Sioux Chief Manufacturing Company, Inc., P.O. Box 397, Peculiar, Missouri 64078

PHONE: 816-779-6104

FAX: 816-758-5950

EMAIL: info@siouxchief.com

Returned Goods Procedure

- RGA requests must reference Seller's order number, invoice number or the customer's P.O. number, and must be less than twelve months old.
- In order to be received, all returned material must be in multiples of the stated catalog minimum order quantity and in original condition.
- Specials or custom-made products are not considered normal stock and therefore cannot be returned, except in case of manufacturer's defect.
- Customers will be charged 25% of invoice price for product restocking.
- RGA is invalid if referenced product is not received within 90 days of an RGA issue date.
- Issuance of the RGA does not authorize the customer to deduct the value of the return; once product is received by Seller and found to be in acceptable condition, Seller will issue a credit memo for returned product when applicable.
- Seller reserves the right to deny, nullify or cancel an RGA at its discretion.
- Seller will only supply product credit for a return or warranty claim.
- Seller can reject a return for any reason at any time.

Warranty Procedure Product & Property

- If there is a warranty claim on a part that involves property or other damage, Seller should be contacted by phone or in writing directly following the loss, and in no case later than 15 days of the date of alleged claim or failure and before any remediation or alteration of the loss site has been started; any notice beyond this time frame or after work has taken place to repair or change the loss site will materially affect the Seller's ability to adjudicate the claim and will void the warranty.
- The product in claim and/or its installation should not be modified before review by Seller; alteration of the alleged product or installation materially affects the Seller's ability to establish fault and voids the warranty.
- Upon submitting the claim according to this procedure and timing, claimant will receive a RGA number from Seller.
- With the RGA number, claimant should submit a formal report of the claim, including the date of the installation, a description of the problem and damage and pictures of the product and damage (if possible). This information should be sent to the above address at claimant's expense. Seller will not receive or process a claim without an RGA number.
- Seller will contact claimant with next steps, which may include a visit from a site investigator or other representatives of Seller, as Seller reserves the right to investigate all alleged loss sites.
- Seller shall not be responsible for shipping errors reported 10 days after receipt of material.
- Seller shall not be responsible for shipment shortages that are signed for as clear.

Full Freight Allowance

Sioux Chief will pay freight on all orders to single destinations totaling at least $2,500 list price to locations within the 48 contiguous states (United States of America), at least $3,500 list price to locations within Hawaii, Alaska and Canada and at least $4,500 list price to locations within Puerto Rico.

Processing of Orders

All orders are processed immediately upon receipt and acceptance by Seller. Seller reserves the right to charge back to Buyer costs incurred from order cancellations or changes, and to consider additions as separate orders.

Price Changes

All prices quoted from time to time by Seller are subject to change without notice up to time of shipment. Invoice totals and discounts will be calculated out to the fourth decimal digit. If Buyer fails to give written notice of objection to Sioux Chief's order confirmation within ten (10) days after Buyer's receipt of Sioux Chief's confirmation of the purchase order, the order confirmation pricing becomes binding.

Minimum Order Quantities

A 10% surcharge will be applied to any item not purchased in multiples of the stated Minimum Quantity, except on drop-ship orders. Items with bold Minimum Quantities in the Numerical Index (back of catalog) can never be broken.



CONSIDER SIOUXCHIEF.COM AS YOUR ROUGH PLUMBING INFORMATION ARMORY.

Sioux Chief is working harder than ever to supply you with the right information at the right time. From our new website with a better online catalog experience, to our information-packed blog posts that help build your business and brand, to our social media presence on Facebook, YouTube and Twitter – you can connect with industry professionals, learn from our product videos and simply stay up-to-date.

TOGETHER, WE WILL **TAKE THE FIELD.**

TAKE THE FIELD.



Sioux Chief

Sioux Chief Manufacturing Company, Inc.
P.O. Box 397 241110 South Peculiar Drive
Peculiar, Missouri 64078 USA
P 1-800-821-3944 or 816-779-6104
F 1-800-758-5950 or 816-758-5950
www.siouxchief.com info@siouxchief.com
© 2012 Sioux Chief Manufacturing Company, Inc.