

# PEX ASTM F2159 FITTING SYSTEM

» 64\_XP SERIES

AccuCrimp™

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____

## SPECIFICATION

Sioux Chief's PPSU AccuCrimp PEX fitting and manifold system shall be used to make 1/2", 3/4", and 1" safe plumbing and heating connections. AccuCrimp fittings are approved for use with ASTM F876 PEX tubing with either copper crimp ring or stainless steel sleeves. AccuCrimp fittings shall incorporate the patented feature of positioning fingers, which perfectly align either a crimp ring or stainless press sleeve over the barbs.

## MATERIALS

NSF listed polysulfone / polyphenylsulfone Acudel (PPSU)

## APPLICATION

For use with hot and cold water distribution systems.

## MARKINGS/CERTIFICATIONS

AccuCrimp  
cNSF us pw-G  
ASTM F2159  
PPSU

Patent Pending  
U.P. Code  
CSA B137.5

## HANDLING

Solvents, glues, lubricants, pipe dopes, ethylene glycol, thread oils and paste should not come in contact with PPSU fittings. Store fittings away from petroleum products and direct sunlight (UV exposure).

Do not mark AccuCrimp products with paint pens, markers or tape.

AccuCrimp products are suitable for radiant heating and cooling under the following conditions.

1. Use only propylene glycol (food grade) to maximum 60% by volume
2. DO NOT USE ETHYLENE GLYCOL WITH ACCUCRIMP PRODUCT
3. Maximum temp: 194°F (90°C) at 44 PSI
4. Recommended Corrosion Inhibitors: Metal Guard™
  - H50 6% by volume
  - H60 4% by volume
  - H80 4% by volume

## INSTALLATION

1. Cut SDR-9 PEX tubing squarely.
2. Place copper crimp ring or stainless steel sleeve over the end of tubing.
3. Insert fitting into tubing. BE SURE positioning fingers engage ring/sleeve for proper placement over sealing barbs. For V-Sleeve installs, be sure to tubing end is witnessed through the sleeve's sight-slots.
4. Place properly calibrated crimp tool over the ring/sleeve at a 90-degree angle to tubing run.
5. Crimp fully. Only crimp once. If a mistake was made or bad crimp was evidenced, cut off and try again.
6. Use a 'Go/No Go' gauge to assure connection has been made.

Check with all local plumbing codes prior to installation.

## DIMENSIONS per ASTM F2159

Size	A—Inside Diameter (ID)	B—Outside Diameter (OD)	C—Fitting End Length
1/2"	.315	.473+-.003	.700+-.02
3/4"	.460	.668+-.003	.700+-.02
1"	.610	.856+-.003	.850+-.02



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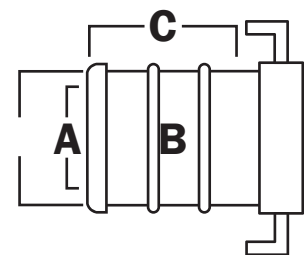
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NOTE: 1/2" and 3/4" fittings have 2 ribs for sealing. 1" has 3 ribs.