

For Residential and Commercial Applications

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

CSSD 3/8" ID (1/2" OD) Coated Gas Appliance Connectors

Use: For use with indoor and outdoor connections of gas appliances to gas piping system. May be used with natural, manufactured, mixed and liquefied petroleum (LP or propane) gases and LP gas-air mixtures

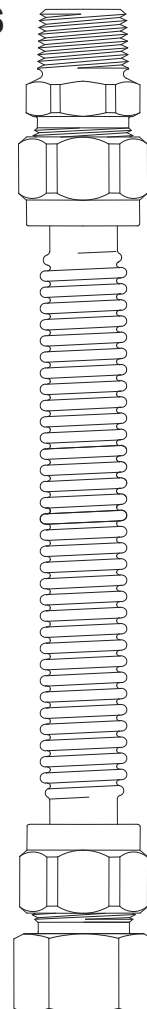
Design Features:

- **Superior corrosion resistance** to harsh chemicals found in common household cleaning, plumbing repair and masonry products
- **UV rays & salt resistant**, ProCoat connectors are certified for indoor & outdoor use
- **Greater strength & flexibility** with greater depth & number of corrugations to withstand greater torque & bend cycles
- **Outperforms industry standards for torsion** (1.5X) without compromising the integrity of the coating or connector
- **Outperforms industry standard for repeated bending** (2X) without compromising the integrity of the coating or connector
- **One-piece construction** has no soldered or brazed joints
- **Smoother, burnished flare** on connector ends seal with less torque
- **Uniform coat over entire length of connector** for complete corrosion resistance of the stainless steel core
- **100% leak tested**

Operating Specifications:

Temperature: -40° to 150° F

Pressure: standard line pressures up to 1/2 psi maximum



CONNECTOR FLOW CAPACITY (Straight Length)

	12"	18"	24"	30"	36"	48"	60"	72"
BTU per Hour (NG)	102,000	93,100	85,000	77,100	71,100	60,500	53,200	49,100
BTU per Hour (LPG)	163,200	148,960	136,000	123,360	113,760	96,800	85,120	78,560
Watts per Hour (NG)	29,893	27,285	24,911	22,596	20,837	17,731	15,591	14,390

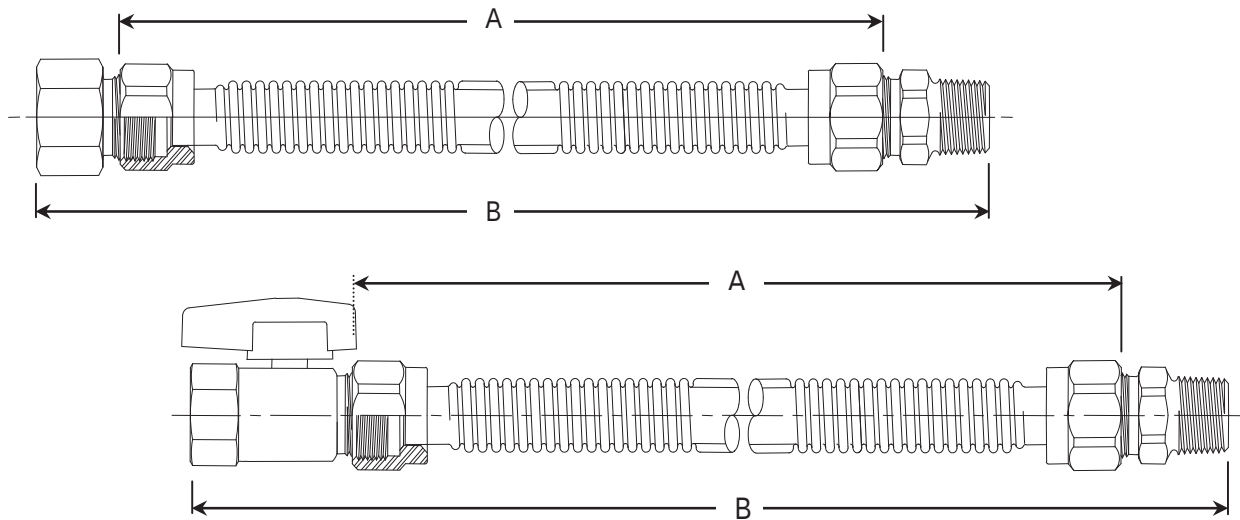
MATERIAL SPECIFICATIONS

Tubing	304L stainless steel
Coating	Polymer blend
Nuts	12L14 OR 1010 steel
Fittings	12L14 OR 1010 steel

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PART DIMENSIONS (Inches)									
Connector Length – Nut by Nut									
Model	DIM.	12"	18"	24"	30"	36"	48"	60"	72"
CSSD	A	10.10 / 10.85	16.10 / 16.85	22.10 / 22.85	28.10 / 29.35	34.10 / 35.35	46.10 / 47.85	58.10 / 59.85	70.10 / 71.85

PART DIMENSIONS (Inches)									
Connector Lengths – with Fittings									
Model	DIM.	12"	18"	24"	30"	36"	48"	60"	72"
CSSD44	B	12.74 / 13.49	18.74 / 19.49	24.74 / 25.49	30.74 / 31.99	36.74 / 37.99	48.74 / 50.49	60.74 / 62.49	72.74 / 74.49
CSSD47	B	12.70 / 13.45	18.70 / 19.45	24.70 / 25.45	30.70 / 31.95	36.70 / 37.95	48.70 / 50.45	60.70 / 62.45	72.70 / 74.45
CSSD48	B	12.36 / 13.11	18.36 / 19.11	24.36 / 25.11	30.36 / 31.61	36.36 / 37.61	48.36 / 50.11	60.36 / 62.11	72.36 / 74.11
CSSD55	B	12.10 / 12.85	18.10 / 18.85	24.10 / 24.85	30.10 / 31.35	36.10 / 37.35	48.10 / 49.85	60.10 / 61.85	72.10 / 73.85
CSSD58	B	12.04 / 12.79	18.04 / 18.79	24.04 / 25.79	30.04 / 31.29	36.04 / 37.29	48.04 / 49.49	60.04 / 61.79	72.04 / 73.79
CSSD54	B	12.42 / 13.17	18.42 / 19.17	24.42 / 25.17	30.42 / 31.67	36.42 / 37.67	48.42 / 50.17	60.42 / 62.17	72.42 / 74.17
CSSD57	B	12.38 / 13.13	18.38 / 19.13	24.38 / 25.13	30.38 / 31.63	36.38 / 37.63	48.38 / 50.13	60.38 / 62.13	72.38 / 74.13
Connector Lengths – with Fitting & Gas Ball Valves									
CSSD4K	B	13.38 / 14.13	19.38 / 20.13	25.38 / 26.13	31.38 / 32.63	37.38 / 38.63	49.38 / 51.13	61.38 / 63.13	73.38 / 75.13
CSSD7K	B	13.34 / 14.09	19.34 / 20.09	25.34 / 26.09	31.34 / 32.59	37.34 / 38.59	49.34 / 51.09	61.34 / 63.09	73.34 / 75.09
CSSD5K	B	13.06 / 13.81	19.06 / 19.81	25.06 / 25.81	31.06 / 32.31	37.06 / 38.31	49.06 / 50.81	61.06 / 62.81	73.06 / 74.81

Part Listing:

Connectors with Fittings

- ☐ CSSD44-12 3/8" ID (1/2" OD) with 1/2" MIP x 1/2" MIP fittings x 12" length
- ☐ CSSD44-12 P 3/8" ID (1/2" OD) with 1/2" MIP x 1/2" MIP fittings x 12" length, bagged

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Connectors with Fittings (con't)

☐	CSSD44-18	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 18" length
☐	CSSD44-24	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 24" length
☐	CSSD44-24 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 24" length, bagged
☐	CSSD44-30	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 30" length
☐	CSSD44-30 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 30" length, bagged
☐	CSSD44-36	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 36" length
☐	CSSD44-36 MPL	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 36" length, 3 per bag
☐	CSSD44-36 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 36" length, bagged
☐	CSSD44-48	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 48" length
☐	CSSD44-48 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 48" length, bagged
☐	CSSD44-60	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 60" length
☐	CSSD44-60 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 60" length, bagged
☐	CSSD44-72	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 72" length
☐	CSSD44-72 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 1/2" MIP fittings x 72" length, bagged
☐	CSSD47-12	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 12" length
☐	CSSD47-18	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 18" length
☐	CSSD47-24	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 24" length
☐	CSSD47-30	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 30" length
☐	CSSD47-36	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 36" length
☐	CSSD47-48	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 48" length
☐	CSSD47-48 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 48" length, bagged
☐	CSSD47-60 P	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" MIP fittings x 60" length, bagged
☐	CSSD77-12	3/8" ID (1/2" OD) <i>with</i> 3/8" MIP x 3/8" MIP fittings x 12" length
☐	CSSD77-18	3/8" ID (1/2" OD) <i>with</i> 3/8" MIP x 3/8" MIP fittings x 18" length
☐	CSSD77-24	3/8" ID (1/2" OD) <i>with</i> 3/8" MIP x 3/8" MIP fittings x 24" length
☐	CSSD77-30	3/8" ID (1/2" OD) <i>with</i> 3/8" MIP x 3/8" MIP fittings x 30" length
☐	CSSD77-36	3/8" ID (1/2" OD) <i>with</i> 3/8" MIP x 3/8" MIP fittings x 36" length
☐	CSSD77-48	3/8" ID (1/2" OD) <i>with</i> 3/8" MIP x 3/8" MIP fittings x 48" length
☐	CSSD48-12	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" FIP fittings x 12" length
☐	CSSD48-24	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" FIP fittings x 24" length
☐	CSSD48-30	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" FIP fittings x 30" length
☐	CSSD48-36	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" FIP fittings x 36" length
☐	CSSD48-48	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" FIP fittings x 48" length
☐	CSSD48-60	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" FIP fittings x 60" length
☐	CSSD48-72	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP x 3/8" FIP fittings x 72" length
☐	CSSD55-12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" FIP fittings x 12" length
☐	CSSD55-18	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" FIP fittings x 18" length
☐	CSSD55-24	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" FIP fittings x 24" length
☐	CSSD55-30	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" FIP fittings x 30" length
☐	CSSD55-36	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" FIP fittings x 36" length
☐	CSSD55-48	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" FIP fittings x 48" length
☐	CSSD55-60	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" FIP fittings x 60" length
☐	CSSD58-12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" FIP fittings x 12" length
☐	CSSD58-18	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" FIP fittings x 18" length

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Connectors with Fittings (con't)

☐	CSSD58-24	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" FIP fittings x 24" length
☐	CSSD58-48 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" FIP fittings x 48" length, bagged
☐	CSSD58-60	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" FIP fittings x 60" length
☐	CSSD54-12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 12" length
☐	CSSD54-12 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 12" length, bulk, 12 per carton
☐	CSSD54-12 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 12" length, bagged
☐	CSSD54-12 X5	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 12" length, bagged, cutcase of 5
☐	CSSD54-18	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 18" length
☐	CSSD54-18 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 18" length, bulk, 12 per carton
☐	CSSD54-18 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 18" length, bagged
☐	CSSD54-18 X	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 18" length, bagged, cutcase
☐	CSSD54-24	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 24" length
☐	CSSD54-24 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 24" length, bulk, 12 per carton
☐	CSSD54-24 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 24" length, bagged
☐	CSSD54-24 X10	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 24" length, bagged, cutcase of 10
☐	CSSD54-30	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 30" length
☐	CSSD54-36	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 36" length
☐	CSSD54-36 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 36" length, bulk, 12 per carton
☐	CSSD54-36 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 36" length, bagged
☐	CSSD54-36 X	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 36" length, bagged, cutcase
☐	CSSD54-48	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 48" length
☐	CSSD54-48 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 48" length, bulk, 12 per carton
☐	CSSD54-48 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 48" length, bagged
☐	CSSD54-48 X	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 48" length, bagged, cutcase
☐	CSSD54-60	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 60" length
☐	CSSD54-60 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 60" length, bagged
☐	CSSD54-60 X	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 60" length, bagged, cutcase
☐	CSSD54-60 X5	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 60" length, bagged, cutcase of 5
☐	CSSD54-72	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 72" length
☐	CSSD54-72 P	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 1/2" MIP fittings x 72" length, bagged
☐	CSSD57-12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" MIP fittings x 12" length
☐	CSSD57-12 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" MIP fittings x 12" length, bulk, 12 per carton
☐	CSSD57-18 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" MIP fittings x 18" length, bulk, 12 per carton
☐	CSSD57-24 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" MIP fittings x 24" length, bulk, 12 per carton
☐	CSSD57-30 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" MIP fittings x 30" length, bulk, 12 per carton
☐	CSSD57-36	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" MIP fittings x 36" length
☐	CSSD57-48 K12	3/8" ID (1/2" OD) <i>with</i> 1/2" FIP x 3/8" MIP fittings x 48" length, bulk, 12 per carton

Connectors with Fitting & Gas Ball Valve

☐	CSSD4K-12	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP fitting x 1/2" FIP ball valve x 12" length
☐	CSSD4K-18	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP fitting x 1/2" FIP ball valve x 18" length
☐	CSSD4K-24	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP fitting x 1/2" FIP ball valve x 24" length
☐	CSSD4K-30	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP fitting x 1/2" FIP ball valve x 30" length
☐	CSSD4K-36	3/8" ID (1/2" OD) <i>with</i> 1/2" MIP fitting x 1/2" FIP ball valve x 36" length

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Connectors with Fitting & Gas Ball Valve (con't)

☐	CSSD4K-48	3/8" ID (1/2" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 48" length
☐	CSSD4K-60	3/8" ID (1/2" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 60" length
☐	CSSD4K-72	3/8" ID (1/2" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 72" length
☐	CSSD5K-12	3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 12" length
☐	CSSD5K-18	3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 18" length
☐	CSSD5K-24	3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 24" length
☐	CSSD5K-30	3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 30" length
☐	CSSD5K-36	3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 36" length
☐	CSSD5K-48	3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 48" length
☐	CSSD5K-60	3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 60" length

Connectors Less Fittings (Connectors without fittings are NOT CSA design-certified)

☐	CSSDNN-10N	3/8" ID (1/2" OD) x 10" length, no fittings
☐	CSSDNN-16N	3/8" ID (1/2" OD) x 16" length, no fittings
☐	CSSDNN-22N	3/8" ID (1/2" OD) x 22" length, no fittings
☐	CSSDNN-28N	3/8" ID (1/2" OD) x 28" length, no fittings
☐	CSSDNN-34N	3/8" ID (1/2" OD) x 34" length, no fittings
☐	CSSDNN-46N	3/8" ID (1/2" OD) x 46" length, no fittings
☐	CSSDNN-58N	3/8" ID (1/2" OD) x 58" length, no fittings
☐	CSSDNN-70N	3/8" ID (1/2" OD) x 70" length, no fittings

Listings & Certifications:

- CSA listed to ANSI Z21.24 / CSA 6.10 standard "Connectors for Gas Appliances" (file #204593)
- CSA listed to ANSI Z21.75 / CSA 6.27 standard "Connectors for Outdoor Gas Appliances & Manufactured Homes" (file #204593)
- The Commonwealth of Massachusetts



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