

For Residential and Commercial Applications

Job Name		Engineer / Architect	
Job Location		Wholesaler	
Submittal Date		Contractor	

BCSSD 3/8" ID (1/2" OD) Black 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.

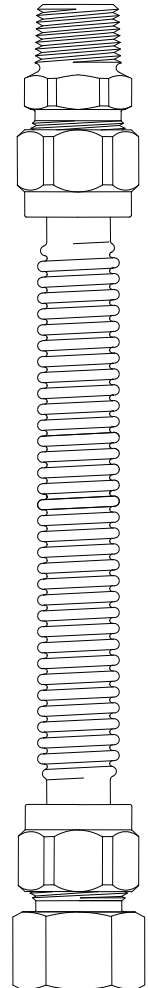
Design Features:

- **Virtually invisible connection.** Black coating is ideal for gas log fireplaces and decorative hearths where you want to see the fire, not the gas piping
- **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



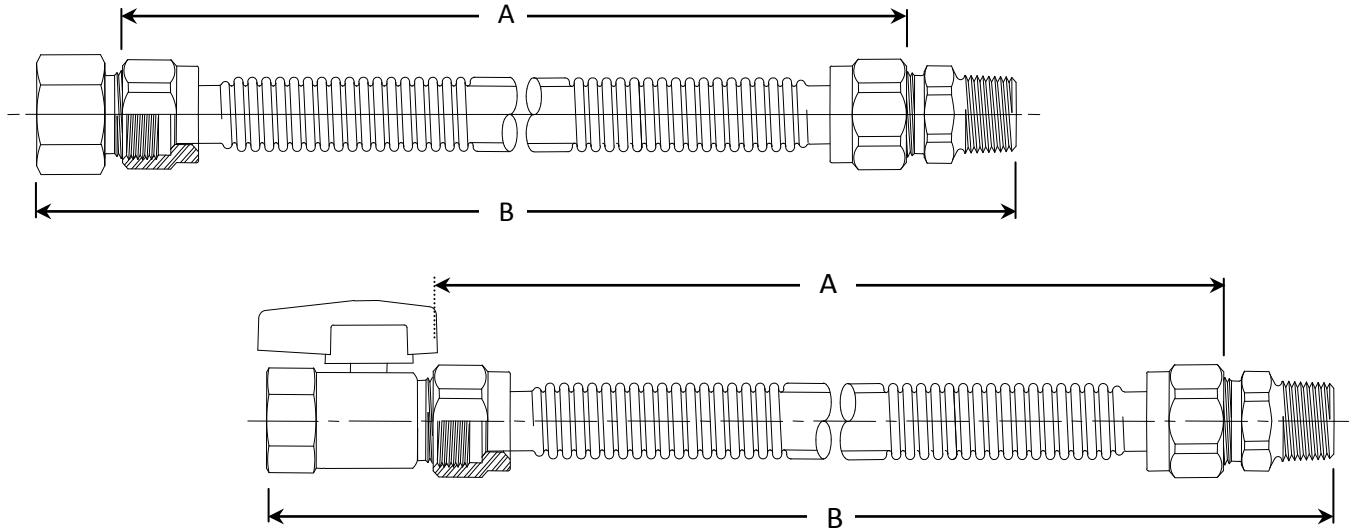
CONNECTOR FLOW CAPACITY (Straight Length)					
	12"	18"	24"	30"	36"
BTU per Hour (NG)	102,000	93,100	85,000	77,100	71,100
BTU per Hour (LPG)	163,200	148,960	136,000	123,360	113,760
Watts per Hour (NG)	29,893	27,285	24,911	22,596	20,837

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"
BCSSD	A	10.10 / 10.85	16.10 / 16.85	22.10 / 22.85	28.10 / 29.35	34.10 / 35.35

PART DIMENSIONS (Inches)						
Connector Lengths – with Fittings						
Model	DIM.	12"	18"	24"	30"	36"
BCSSD44	B	12.74 / 13.49	18.74 / 19.49	24.74 / 25.49	30.74 / 31.99	----
BCSSD47	B	12.70 / 13.45	18.70 / 19.45	24.70 / 25.45	30.70 / 31.95	----
BCSSD55	B	12.10 / 12.85	18.10 / 18.85	24.10 / 24.85	30.10 / 31.35	----
BCSSD54	B	12.42 / 13.17	18.42 / 19.17	24.42 / 25.17	30.42 / 31.67	36.42 / 37.67
BCSSD77	B	12.36 / 13.11	18.36 / 19.11	24.36 / 25.11	30.36 / 31.61	----
Connector Lengths – with Fitting & Gas Ball Valves						
BCSSD4K	B	13.38 / 14.13	19.38 / 20.13	25.38 / 26.13	31.38 / 32.63	----
BCSSD5K	B	13.06 / 13.81	19.06 / 19.81	25.06 / 25.81	31.06 / 32.31	----

Part Listing:

Connectors with Fittings

- BCSSD44-12 3/8" ID (1/2" OD) with 1/2" MIP x 1/2" MIP fittings x 12" length
- BCSSD44-18 3/8" ID (1/2" OD) with 1/2" MIP x 1/2" MIP fittings x 18" length
- BCSSD44-24 3/8" ID (1/2" OD) with 1/2" MIP x 1/2" MIP fittings x 24" length
- BCSSD44-30 3/8" ID (1/2" OD) with 1/2" MIP x 1/2" MIP fittings x 30" length
- BCSSD47-12 3/8" ID (1/2" OD) with 1/2" MIP x 3/8" MIP fittings x 12" length
- BCSSD47-18 3/8" ID (1/2" OD) with 1/2" MIP x 3/8" MIP fittings x 18" length
- BCSSD47-24 3/8" ID (1/2" OD) with 1/2" MIP x 3/8" MIP fittings x 24" length
- BCSSD47-30 3/8" ID (1/2" OD) with 1/2" MIP x 3/8" MIP fittings x 30" length

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Connectors with Fittings (con't)

- BCSSD77-12 3/8" ID (1/2" OD) with 3/8" MIP x 3/8" MIP fittings x 12" length
- BCSSD77-24 3/8" ID (1/2" OD) with 3/8" MIP x 3/8" MIP fittings x 24" length
- BCSSD54-12 3/8" ID (1/2" OD) with 1/2" FIP x 1/2" MIP fittings x 12" length
- BCSSD54-18 3/8" ID (1/2" OD) with 1/2" FIP x 1/2" MIP fittings x 18" length
- BCSSD54-24 3/8" ID (1/2" OD) with 1/2" FIP x 1/2" MIP fittings x 24" length
- BCSSD54-30 3/8" ID (1/2" OD) with 1/2" FIP x 1/2" MIP fittings x 30" length
- BCSSD54-36 3/8" ID (1/2" OD) with 1/2" FIP x 1/2" MIP fittings x 36" length
- BCSSD55-12 3/8" ID (1/2" OD) with 1/2" FIP x 1/2" FIP fittings x 12" length
- BCSSD55-24 3/8" ID (1/2" OD) with 1/2" FIP x 1/2" FIP fittings x 24" length

Connectors with Fitting & Gas Ball Valve

- BCSSD4K-24 3/8" ID (1/2" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 24" length
- BCSSD5K-18 3/8" ID (1/2" OD) with 1/2" FIP fitting x 1/2" FIP ball valve x 18" length

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)

