For Residential and Commercial Applications

Job Name	Engineer / Architect	
Job Location	Wholesaler	
Submittal Date	Contractor	

CSSL 1/4" ID (3/8" 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 of 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

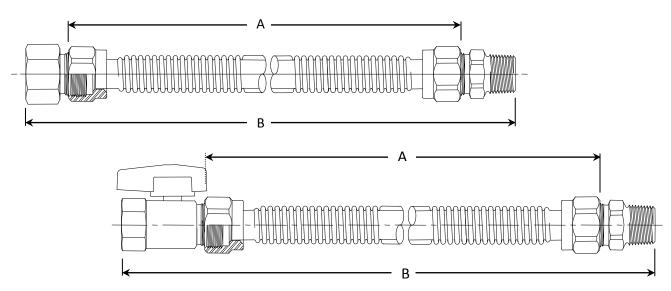


CONNECTOR FLOW CAPACITY (Straight Length)								
	12"	18"	24"	30"	36"	48"	60"	72"
BTU per Hour (NG)	48,000	43,800	40,000	36,400	33,400	28,300	24,900	23,100
BTU per Hour (LPG)	76,800	70,080	64,000	58,240	53,440	45,280	39,840	36,960
Watts per Hour (NG)	14,067	12,837	11,723	10,668	9,789	8,294	7,297	6,770

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"
CSSL	Α	10.50 /	16.50/	22.50 /	28.50 /	34.50 /	46.50 /	58.50 /	70.50 /
		11.25	17.25	23.25	29.75	35.75	48.75	60.25	72.25

PART DIMENSIONS (Inches)										
Connector Lengths – with Fittings										
Model	DIM.	12"	18"	24"	30"	36"	48"	60"	72"	
CSSL44	В	13.00 /	19.00 /	25.00 /	30.00 /	37.00 /	49.00 /	61.00 /	73.00 /	
		13.75	19.75	25.75	32.25	38.25	51.25	62.75	74.75	
CSSL47	В	12.75 /	18.75 /	24.75 /	29.75 /	36.75 /	48.75 /	60.75 /	72.75 /	
		13.50	19.50	25.50	32.00	38.00	51.00	62.50	74.50	
CSSL77	В	12.50/	18.50 /	24.50 /	30.50 /	36.50 /	48.50 /	60.50 /	72.50 /	
		13.25	19.25	25.25	31.75	37.75	50.75	62.25	74.25	
CSSL48	В	12.60/	18.60 /	24.60 /	30.60 /	36.60 /	48.60 /	60.60 /	72.60 /	
		13.35	19.35	25.35	31.85	37.85	50.85	62.35	74.35	
CSSL55	В	12.34 /	18.34 /	24.34 /	30.34 /	36.34 /	48.34 /	60.34 /	72.34 /	
		13.09	19.09	25.09	31.59	37.59	50.59	62.09	74.09	
CSSL88	В	12.20 /	18.20 /	24.20 /	30.20 /	36.20 /	48.20 /	60.20 /	72.20 /	
		12.95	18.95	24.95	31.45	37.45	50.45	61.95	73.95	
CSSL54	В	12.67 /	18.67 /	24.67 /	30.67 /	36.67 /	48.67 /	60.67 /	72.67 /	
		13.42	19.42	25.42	31.92	37.92	50.92	62.42	74.42	
CSSL87	В	12.35 /	18.35 /	24.35 /	30.35 /	36.35 /	48.35 /	60.35 /	72.35 /	
		13.10	19.10	25.10	31.60	37.60	50.60	62.10	74.10	
Connector Lengths – with Fitting & Gas Ball Valves										
CSSL4M	В	13.63 /	19.63 /	25.63 /	31.63 /	37.63 /	49.63 /	61.63 /	73.63 /	
		14.38	20.38	26.38	32.88	38.88	51.88	63.38	75.38	
CSSL7M	В	13.38 /	19.38 /	25.38 /	30.38 /	37.38 /	49.38 /	61.38 /	73.38 /	
		14.13	20.13	26.13	32.63	38.63	51.63	63.13	75.13	
CSSL8M	В	13.23 /	19.23 /	25.23 /	30.23 /	37.23 /	49.23 /	61.23 /	73.23 /	
		13.98	19.98	25.98	32.48	38.48	51.48	62.98	74.98	

Part Listing:

Connectors with Fittings

CSSL44-12 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 12" length

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Connectors with Fittings (con't) CSSL11-12 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 12" length CSSL11-18 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 18" length CSSL11-24 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 24" length 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 30" length CSSL11-30 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 36" length CSSL11-36 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 48" length CSSL11-48 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 60" length CSSL11-60 1/4" ID (3/8" OD) with 3/4" MIP x 3/4" MIP fittings x 72" length CSSL11-72 CSSL44-18 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 18" length CSSL44-24 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 24" length CSSL44-30 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 30" length CSSL44-36 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 36" length 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 36" length, bagged CSSL44-36 P 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 48" length CSSL44-48 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 48" length, bagged CSSL44-48 P 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 60" length CSSL44-60 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 60" length, bagged CSSL44-60 P CSSL44-72 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 72" length CSSL44-72 P 1/4" ID (3/8" OD) with 1/2" MIP x 1/2" MIP fittings x 72" length, bagged 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" MIP fittings x 18" length CSSL47-18 CSSL47-24 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" MIP fittings x 24" length CSSL47-30 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" MIP fittings x 30" length CSSL47-36 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" MIP fittings x 36" length 1/4" ID (3/8" OD) with 3/8" MIP x 3/8" MIP fittings x 12" length CSSL77-12 CSSL77-18 1/4" ID (3/8" OD) with 3/8" MIP x 3/8" MIP fittings x 18" length CSSL77-24 1/4" ID (3/8" OD) with 3/8" MIP x 3/8" MIP fittings x 24" length CSSL77-30 1/4" ID (3/8" OD) with 3/8" MIP x 3/8" MIP fittings x 30" length 1/4" ID (3/8" OD) with 3/8" MIP x 3/8" MIP fittings x 36" length CSSL77-36 1/4" ID (3/8" OD) with 3/8" MIP x 3/8" MIP fittings x 48" length CSSL77-48 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 12" length CSSL48-12 CSSL48-18 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 18" length 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 24" length CSSL48-24 CSSL48-30 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 30" length CSSL48-36 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 36" length CSSL48-48 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 48" length CSSL48-60 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 60" length CSSL48-72 1/4" ID (3/8" OD) with 1/2" MIP x 3/8" FIP fittings x 72" length CSSL55-12 1/4" ID (3/8" OD) with 1/2" FIP x 1/2" FIP fittings x 12" length CSSL55-18 1/4" ID (3/8" OD) with 1/2" FIP x 1/2" FIP fittings x 18" length CSSL55-24 1/4" ID (3/8" OD) with 1/2" FIP x 1/2" FIP fittings x 24" length CSSL55-30 1/4" ID (3/8" OD) with 1/2" FIP x 1/2" FIP fittings x 30" length 1/4" ID (3/8" OD) with 1/2" FIP x 1/2" FIP fittings x 36" length CSSL55-36 1/4" ID (3/8" OD) with 1/2" FIP x 1/2" FIP fittings x 48" length CSSL55-48 1/4" ID (3/8" OD) with 1/2" FIP x 3/8" FIP fittings x 48" length CSSL58-48 CSSL58-48 P 1/4" ID (3/8" OD) with 1/2" FIP x 3/8" FIP fittings x 48" length, bagged 1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 12" length CSSL88-12 1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 12" length, bagged, cut case CSSL88-12 X

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1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 18" length



CSSL88-18

Connectors with Fittings (con't)

Com	iectors with Fittin	
\sqcup	CSSL88-24	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 24" length
Ш	CSSL88-24 K12	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 24" length, 12 per carton
	CSSL88-30 K12	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 30" length, 12 per carton
	CSSL88-36	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 36" length
	CSSL88-48	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 48" length
	CSSL88-60	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" FIP fittings x 60" length
	CSSL54-12	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 12" length
	CSSL54-12 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 12" length, bagged
	CSSL54-18	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 18" length
	CSSL54-18 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 18" length, bagged
	CSSL54-18 X	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 18" length, bagged, cut case
	CSSL54-24	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 24" length
	CSSL54-24 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 24" length, bagged
	CSSL54-24 X	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 24" length, bagged, cut case
	CSSL54-24 X10	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 24" length, bagged, carton of 10
	CSSL54-30	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 30" length
	CSSL54-30 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 30" length, bagged
	CSSL54-30 X	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 30" length, bagged, cut case
	CSSL54-36	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 36" length
	CSSL54-36 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 36" length, bagged
	CSSL54-36 X	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 36" length, bagged, cut case
	CSSL54-48	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 48" length
	CSSL54-48 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 48" length, bagged
	CSSL54-48 X	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 48" length, bagged, cut case
	CSSL54-60	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 60" length
	CSSL54-60 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 60" length, bagged
	CSSL54-72	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 72" length
	CSSL54-72 P	1/4" ID (3/8" OD) with 1/2" FIP x 1/2" MIP fittings x 72" length, bagged
П	CSSL57-12	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 12" length
Ħ	CSSL57-18	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 18" length
Ħ	CSSL57-24	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 24" length
Ħ	CSSL57-30	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 30" length
ī	CSSL57-36	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 36" length
ī	CSSL57-36 P	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 36" length, bagged
ī	CSSL57-48	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 48" length
	CSSL57-60	1/4" ID (3/8" OD) with 1/2" FIP x 3/8" MIP fittings x 60" length
$\overline{\Box}$	CSSL87-12	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 12" length
Ħ	CSSL87-18	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 18" length
Ħ	CSSL87-18 P	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 18" length, bagged
Ħ	CSSL87-24	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 24" length
Ħ	CSSL87-24 P	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 24" length, bagged
Ħ	CSSL87-24 X10	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 24" length, bagged, cut case of 10
Ħ	CSSL87-30	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 30" length
\sqcap	CSSL87-36	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 36" length
Ħ	CSSL87-36 P	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 36" length, bagged
\sqcap	CSSL87-36 X	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 48" length, bagged, cut case
Ħ	CSSL87-48	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 48" length
Ħ	CSSL87-48 P	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 48" length, bagged
Ħ	CSSL87-60	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 60" length
		, (3/2 22/ 2/2 10/0 100/00/

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Conr	Connectors with Fittings (con't)						
	CSSL87-60 P	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 60" length, bagged					
	CSSL87-72 P	1/4" ID (3/8" OD) with 3/8" FIP x 3/8" MIP fittings x 72" length, bagged					
Connectors with Fitting & Gas Ball Valve							
	CSSL4M-12	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 12" length					
	CSSL4M-18	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 18" length					
	CSSL4M-24	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 24" length					
	CSSL4M-30	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 30" length					
	CSSL4M-36	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 36" length					
	CSSL4M-48	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 48" length					
	CSSL4M-60	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 60" length					
	CSSL4M-72	1/4" ID (3/8" OD) with 1/2" MIP fitting x 1/2" FIP ball valve x 72" length					
	CSSL7M-12	1/4" ID (3/8" OD) with 3/8" MIP fitting x 1/2" FIP ball valve x 12" length					
	CSSL7M-18	1/4" ID (3/8" OD) with 3/8" MIP fitting x 1/2" FIP ball valve x 18" length					
	CSSL7M-24	1/4" ID (3/8" OD) with 3/8" MIP fitting x 1/2" FIP ball valve x 24" length					
	CSSL7M-30	1/4" ID (3/8" OD) with 3/8" MIP fitting x 1/2" FIP ball valve x 30" length					
	CSSL7M-36	1/4" ID (3/8" OD) with 3/8" MIP fitting x 1/2" FIP ball valve x 36" length					
	CSSL7M-48	1/4" ID (3/8" OD) with 3/8" MIP fitting x 1/2" FIP ball valve x 48" length					
	CSSL5M-36	1/4" ID (3/8" OD) with $1/2$ " FIP fitting x $1/2$ " FIP ball valve x 36 " length					
	CSSL8M-12	1/4" ID (3/8" OD) with 3/8" FIP fitting x 1/2" FIP ball valve x 12" length					
	CSSL8M-18	1/4" ID (3/8" OD) with 3/8" FIP fitting x 1/2" FIP ball valve x 18" length					
	CSSL8M-24	1/4" ID (3/8" OD) with 3/8" FIP fitting x 1/2" FIP ball valve x 24" length					
	CSSL8M-36	1/4" ID (3/8" OD) with 3/8" FIP fitting x 1/2" FIP ball valve x 36" length					
	CSSL8M-48	1/4" ID (3/8" OD) with 3/8" FIP fitting x 1/2" FIP ball valve x 48" length					
	CSSL8M-48 P	1/4" ID (3/8" OD) with 3/8" FIP fitting x 1/2" FIP ball valve x 48" length, bagged					
Coni	nectors Less Fitting	gs (Connectors without fittings are NOT CSA design-certified)					
	CSSLNN-10N	1/4" ID (3/8" OD) x 10" length, no fittings					
	CSSLNN-16N	1/4" ID (3/8" OD) x 16" length, no fittings					
	CSSLNN-22N	1/4" ID (3/8" OD) x 22" length, no fittings					
	CSSLNN-28N	1/4" ID (3/8" OD) x 28" length, no fittings					
	CSSLNN-34N	1/4" ID (3/8" OD) x 34" length, no fittings					
	CSSLNN-46N	1/4" ID (3/8" OD) x 46" length, no fittings					
	CSSLNN-58N	1/4" ID (3/8" OD) x 58" length, no fittings					
	CSSLNN-70N	1/4" ID (3/8" 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

