

# FlashShield Metallically Shielded Corrugated Stainless Steel Tubing

## Description

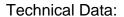
FlashShield™ is metallically shielded flexible gas piping system complying with ANSI LC 1 "Fuel Gas Piping Systems Using CSST" and listed with CSA®, ICC and IAPMO. The FlashShield system is also listed to protective jacket standards, ICC-ES PMG LC1024, and LC1027. Manufacturing materials are: ASTM A240 type 300 corrugated stainless steel tubing with a minimum wall thickness of .010", a metallically shielded layer between two layers of semi-conductive jacketing of UV resistant polymer meeting the requirements of ASTM E 84 for flame spread and smoke density. All mechanical tube fittings are SAE CA360 brass incorporating double wall flare sealing and shield-to-fitting electrical conductivity, and Jacket-Lock™ design feature.

#### FlashShield CSST Features:

- Metallic shield layer provides protection from electrical damage
- · Two layers semi-conductive polymer jacket
- Pre-Marked by the Foot
- Lightweight & Flexible
- 100% Factory Pressure Tested

### Listings:

- CSA Certificate 2728525
- ICC-ES Report No. PMG 1066 and PMG 1155
- IAPMO: File No. C-3250 and Report No. 0239



Max. Approved Operating Pressure	25 psi		
Tubing Minimum Burst Pressure	1,500 psi		
Operating Temperature Range	-40°F to 160°F		
Tubing Melting Point	2400°F		
Jacket Melting Point	205°F		
Tubing Material	ASTM A240 Type 304 SS		
Jacket Material	UV Resistant Semi		
	Conductive Polymer		
Metallic Shield Material	AL1145 or AL3003		
ASTM E84 Rating	Flame 25, Smoke 50		
Metallic Shield Material	Conductive Polymer AL1145 or AL3003		

# **Dimensional Characteristics**

Size	P/N	EHD	Nominal OD	Nominal OD	Wall	Max Test Pressure
			(w/o jacket)	(w/ jacket)	Thickness	(psi)
1/2"	FS-8	18	0.710"	0.818"	0.010"	150
3/4"	FS-11	23	0.930"	1.023"	0.010"	150
1"	FS-16	31	1.250"	1.368"	0.010"	125
1-1/4"	FS-20	37	1.500"	1.608"	0.011"	100
1-1/2"	FS-24	48	1.750"	1.870"	0.011"	50
2"	FS-32	60	2.320"	2.480"	0.012"	40

