FlashShield Metallically Shielded
Corrugated Stainless Steel Tubing

Gastite Division
1116 Vaughn Parkway
Portland, TN 37148
Telephone 800-662-0208
www.gastite.com

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

Technical Data:

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

Dimensional Characteristics

Size	P/N	EHD	Nominal OD (w/o jacket)	Nominal OD (w/ jacket)	Wall Thickness	Max Test Pressure (psi)
½"	FS-8	18	0.710"	0.818"	0.010"	150
¾"	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

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