

Description

FlashShield™ is metallically shielded flexible gas piping system complying with ANSI LC 1 "Fuel Gas Piping Systems Using CSST". The FlashShield system is also listed to Arc Resistant (AR) tests of, ANSI LC1/CSA 6.26 and ICC-ES PMG LC1027. The corrugated stainless steel tubing is protected by a multi-layered jacket system consisting of a metallically shielded layer between an electrically insulative polymer cover and a semi-conductive poly inner layer.

FlashShield Flexible Gas Piping Features:

- Electrically insulative polymer cover
- Metallically shielded
- Pre-Marked by the Foot
- Lightweight & Flexible



Listings:

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

Technical Data:

Maximum Operating Pressure	25 psi
Operating Temperature Range	-40°F to 160°F
ASTM E84 and CAN/ULC-S102.2	< 25 Flame Spread, < 50 Smoke Development Index
Polymer Material Melting Point	205°F
Polymer Cover	UV Resistant
Polymer Cover Dielectric Strength	>600V
Metallic Shield	AL1145 or AL3003
CSST Gas Vessel	ASTM A240 Type 304 SS

Dimensional Characteristics

Size	P/N	EHD	Nominal OD (w/o jacket)	Nominal OD (w/ jacket)	Wall Thickness	Max Test Pressure (psi)
1/2"	FS-8	19	0.720"	0.830"	0.010"	150
3/4"	FS-11	23	0.920"	1.030"	0.010"	150
1"	FS-16	31	1.260"	1.370"	0.010"	125
1-1/4"	FS-20	37	1.500"	1.610"	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