

FlashShield®/FlashShield+™
Metallically Shielded Flexible Gas Piping Systems

PRODUCT DESCRIPTIONS

FlashShield® and FlashShield+™ are CSA design certified to ANSI LC1 “Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)” and ICC-ES PMG LC1027 for protective jacketed CSST. CSST supplies natural gas or liquefied petroleum gas (LP gas) to appliances. FlashShield®/FlashShield+™ are reliable, cost-effective flexible gas piping systems that can be installed in all modes of construction: residential, commercial and industrial; new construction and retrofits.

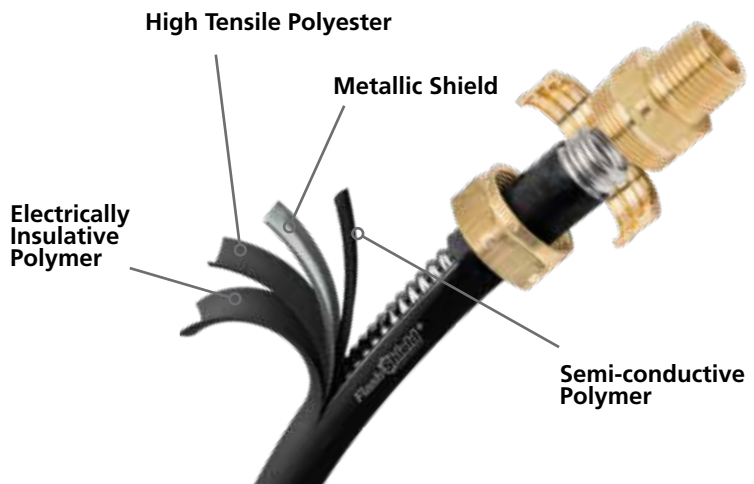
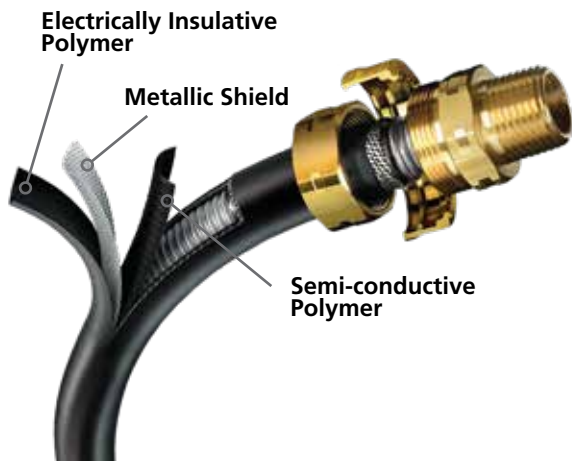
FlashShield® and FlashShield+™ flexible gas piping systems deliver industry leading electrical risk protection – protection to the gas piping from lightning threats, as well as from household fault current threats. Both products utilize a metallic-shield within their protective jacket systems to handle high-voltage risks associated with lightning strikes. The shield is placed between an electrically insulative polymer cover — which defends against low voltage risks, and a semi-conductive polymer inner layer. To complete the system, XR3 Rev. 2 fittings ensure design continuity with the metallic-shield with either FlashShield® or FlashShield+™ CSST. FlashShield® systems eliminate the manufacturer’s requirement for direct-bonding.

FlashShield® systems are recognized by model building codes throughout North America.

FEATURES AND BENEFITS

- Electrically insulative polymer cover
- Metallically-shielded
- Fittings provide continuity with metal shield
- One step CSST end-prep (FlashShield+™ only)
- No manufacturer-required direct bonding
- No special routing requirements or restrictions
- Both products meet electrical arcing criteria of ANSI LCI and ICC-ES PMG LC1027
- Flexibility means quick and easy installations. FlashShield®/FlashShield+™ installs in approximately 1/3 the time of rigid piping methods.
- Pre-marked by the foot, there’s no measuring, rigid pipe cutting or threading. This means less waste and fewer fittings.
- 75% fewer fittings in the average installation means a safer system, less leak potential and reduced callbacks.
- FlashShield®/FlashShield+™ CSST is lightweight— 250 feet of 1/2” CSST weighs approximately 50 pounds and can be easily transported and handled on the job.
- Custom lengths of tubing and job-specific accessories for those large and multi-family projects can be easily obtained by a simple telephone call
- Jackets are UV and heat stable and comply with requirements of ASTM E84 25/50 index for flame and smoke.

Customer Service and Technical Support are only a phone call away at 1-800-662-0208.



FLASHSHIELD+™ CORRUGATED STAINLESS STEEL TUBING (CSST):

APPLICATION:

- CSST flexible gas piping supplies natural gas or liquefied petroleum gas to appliances.

MATERIAL / SPECIFICATIONS:

- Tubing: ASTM A240 Type 304 Stainless Steel.
- Jacket: Electrically insulative and UV resistant polymer, complying with requirements of ASTM E84 and CAN/ULC-S102.2 25/50.
- Protective jacket system, complies with ICC-ES PMG LC1027.

FEATURES AND BENEFITS:

- Electrically insulative polymer cover.
- Metallically shielded CSST.
- Protective shield is electrically continuous through fitting joints (Arc-Trap™).
- Metal shield layer dissipates and conducts electricity.
- No manufacturer required bonding.
- Flexibility means quick and easy installations. FlashShield+™ installs 30-70% faster than traditional piping methods.
- Pre-marked by the foot, there's no measuring, rigid pipe cutting or threading. This means less waste and fewer fittings.
- 75% fewer fittings in the average installation means a safer system, less leak potential and reduced callbacks.
- FlashShield+™ CSST is lightweight—250 feet of ½" CSST weighs approx. 50 lbs and can be easily transported and handled on the job.
- Call Customer Service for custom lengths of tubing and job-specific accessories.



FLASHSHIELD+™ CORRUGATED STAINLESS STEEL TUBING (CSST)

Part No.	Description	Pkg. Qty.	Lbs.	Reel Size (Dia. x Width)
FSP-8-250	½" FlashShield+™ Corrugated Stainless Steel Tubing	250 Ft/Coil	49.5	20" x 12-½"
FSP-8-25-5*		Box (5Coils/Box)	23	22" x 21-½" x 21-½"
FSP-8-50*		50 Ft/Box	8.3	21" x 6"
FSP-8-125		125 Ft/Coil	28.8	20" x 12-½"
FSP-8-500		500 Ft/Coil	95	24" x 25"
FSP-8-1000		1,000 Ft/Coil	187	32" x 21-½"
FSP-8-1500		1,500 Ft/Coil	270	32" x 21-½"
FSP-11-250	¾" FlashShield+™ Corrugated Stainless Steel Tubing	250 Ft/Coil	64.3	24" x 25"
FSP-11-25-5*		Box (5Coils/Box)	29	22" x 21-½" x 21-½"
FSP-11-50*		50 Ft/Box	10.5	21" x 6"
FSP-11-125		125 Ft/Coil	34.1	20" x 12-½"
FSP-11-500		500 Ft/Coil	116.5	24" x 25"
FSP-11-1000		1,000 Ft/Coil	230	32" x 21-½"
FSP-16-150	1" FlashShield+™ Corrugated Stainless Steel Tubing	150 Ft/Coil	58.1	24" x 25"
FSP-16-25-5*		Box (5Coils/Box)	29	22" x 21-½" x 21-½"
FSP-16-50		50 Ft/Box	23.4	20" x 12-½"
FSP-16-75		75 Ft/Coil	31	20" x 12-½"
FSP-16-300		300 Ft/Coil	104.1	24" x 25"
FSP-16-500		500 Ft/Coil	174.5	32" x 21-½"
FSP-20-150	1-¼" FlashShield+™ Corrugated Stainless Steel Tubing	150 Ft/Coil	69	24" x 26-½"
FSP-20-50		50 Ft/Coil	28	21" x 12"
FSP-20-75		75 Ft/Coil	37	21" x 12"
FSP-20-300		300 Ft/Coil	135	32" x 24-½"
FSP-24-150	1-½" FlashShield+™ Corrugated Stainless Steel Tubing	150 Ft/Coil	91	24" x 26-½"
FSP-24-50		50 Ft/Coil	35	21" x 20"
FSP-24-75		75 Ft/Coil	48	21" x 20"
FSP-24-300		300 Ft/Coil	177	24" x 26-½"
FSP-32-150	2" FlashShield+™ Corrugated Stainless Steel Tubing	150 Ft/Coil	143	36" x 26-½"
FSP-32-50		50 Ft/Coil	72	36" x 26-½"
FSP-32-75		75 Ft/Coil	89	36" x 26-½"

*Packaged in box.

Please contact Gastite Customer Service for custom lengths.



FlashShield+™ THE NEXT EVOLUTION IN CSST.

Homes are evolving, and so are the gas delivery requirements of today's homeowners. Make sure your business keeps evolving, too, by installing the industry's premium gas delivery system. FlashShield+™ features all of the electrical and lightning safety you demand, plus several new innovations that make it easier to assemble and install.



Resists household current arcs and lightning



New layers cut like a single jacket



Still the most lightning resistant