

THE ONLY CSST PROVEN TO GUARD AGAINST LIGHTNING STRIKES AND ELECTRICAL SYSTEM FAULTS.

When it comes to gas piping delivery systems, you want to install the safest. That's why FlashShield CSST prides itself on being exactly that—the safest, most intelligent alternative to old-fashioned black iron pipe. And we have the facts to back up that claim:

- Electrically insulative polymer cover **PROTECTS CSST FROM ARCING DAMAGE** associated with electrical system failures and malfunctions.
- Metallic shield and inner semiconductive polymer layer **PROTECT CSST FROM GREATER VOLTAGE AND CURRENT LEVELS** associated with lightning strikes near, or to, structures.
- Multilayer jacket system provides **PROTECTION FROM CORROSIVE ELEMENTS.**
- FlashShield's insulative polymer cover has been **TESTED TO WITHSTAND GREATER THAN 600 V.***



THE ONLY CSST TO MEET LC1027 STANDARDS

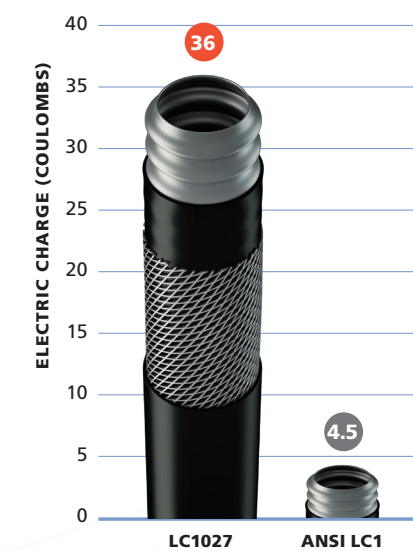
FlashShield™ is the only flexible gas piping system designed and tested to WITHSTAND SIMULATED DIRECT LIGHTNING STRIKES.

CHOOSE THE PROTECTIVE-JACKETED CSST WITH PROVEN LIGHTNING RESISTANCE.

As third-party testing* shows time after time, FlashShield is the industry's highest rated CSST for protection against arcing. In fact, no other flexible gas delivery system even comes close. Look at the numbers and you'll see our closest competitor only offers protection from electrical arcing based on simulated INDIRECT lightning strikes, and is not tested to withstand simulated DIRECT lightning. FlashShield is tested to withstand both simulated direct and indirect strikes, providing the **highest level of lightning protection available** to your customers.

*Lightning Technologies, an NTS Company

ARC-RESISTANT CSST TESTS



FlashShield is the only CSST that meets strictest testing criteria for lightning protection.

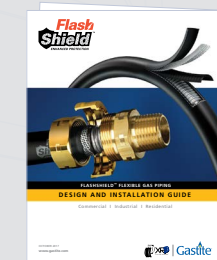
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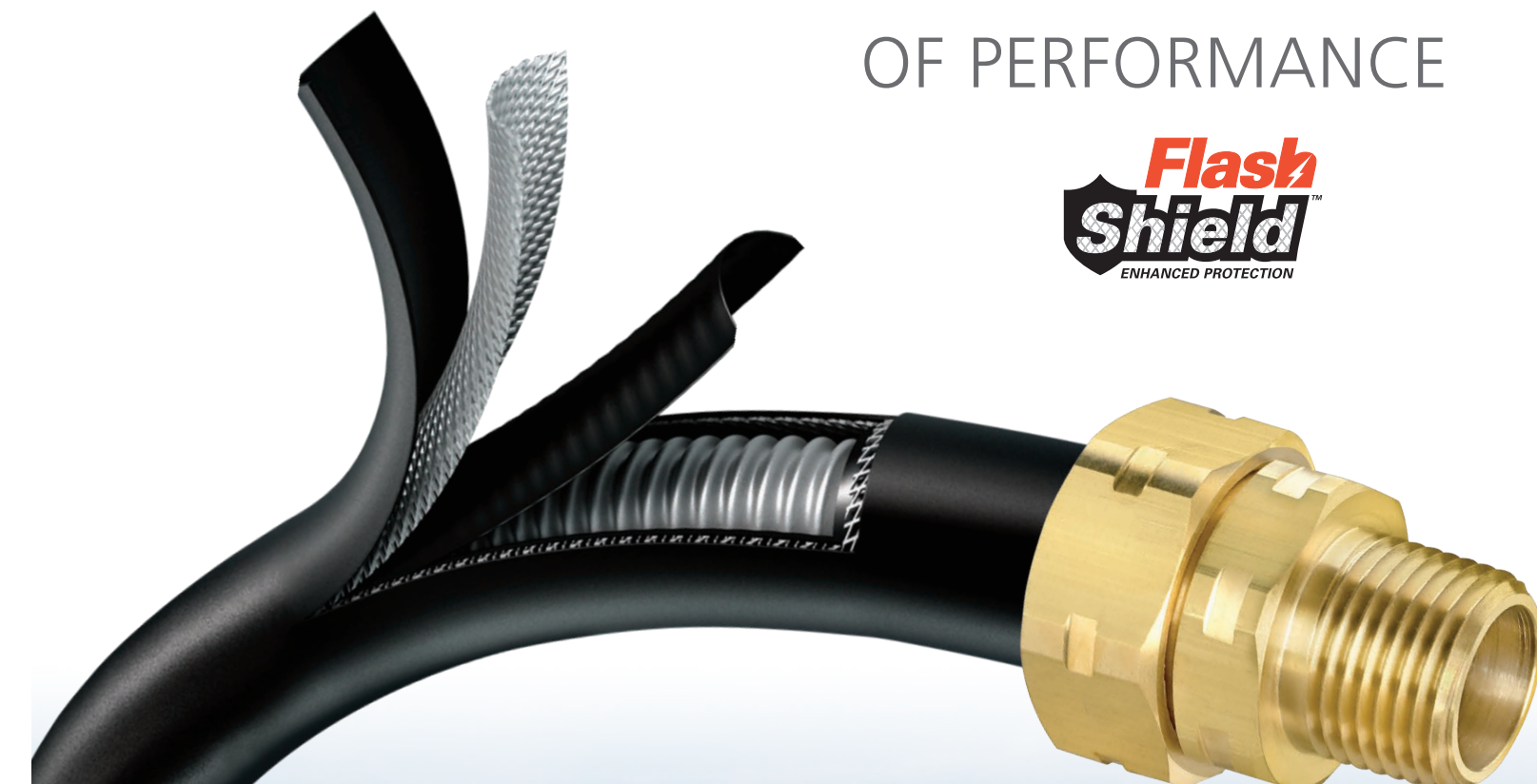


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SAFETY IN LAYERS FOR HIGHER LEVELS OF PERFORMANCE



*UL 2556 Wire and Cable Test Methods, Sec. 6.2 Dielectric Voltage-Withstand Test in Air

SIMPLY THE BEST — INSIDE AND OUT



Originally developed to ensure a higher level of performance and safety in residential gas delivery, FlashShield CSST remains unmatched in its ability to protect against both indoor and outdoor electrical hazards.

Today, FlashShield is not only the recognized benchmark for protection against direct and indirect lightning strikes, its electrically insulative polymer cover fully protects the CSST from electrical system failures and malfunctions.

Insulative polymer cover
DIELECTRIC STRENGTH
GREATER THAN 600 V

Listed to ANSI LC 1 and
ICC-ES PMG LC1027

Utilizes advanced AEROSPACE
SHIELD TECHNOLOGY to guard
against lightning threats

Flexible piping allows
for SIMPLE ROUTING
THROUGH COMPLEX
BUILDING STRUCTURES

Two polymer layers combine
to provide INCREASED
CORROSION PROTECTION
to the CSST underneath



Why would you install yesterday's technology in today's homes?



There are so many reasons why FlashShield is the preferred choice over other gas delivery systems. Here are just a few:

SAFEST flexible gas piping system available.

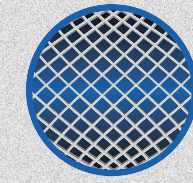
INSTALLS IN ABOUT ONE-THIRD THE TIME of rigid piping.

PRE-MARKED BY THE FOOT so there's no measuring, cutting and threading, or waste.

REDUCES GAS FITTINGS by about 75%.

Flexible piping **ALLOWS FOR SIMPLE ROUTING** through complex building structures.

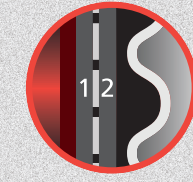
Listed to **ANSI LC1 AND ICC-ES PMG LC1027.**



Metallically shielded system dissipates electricity and heat.



Insulative polymer cover for household fault current protection.



Two polymer jackets surround layer of shield for extra resistance.



Shield-to-fitting continuity.



NO additional manufacturer bonding required.



Meets accelerated corrosion testing requirements of both ANSI LC 1 and ICC-ES PMG LC1027.



Shield-to-fitting continuity

Jacket-Lock™ feature eliminates exposed stainless steel beyond the nut

Metallically shielded layer

Multi-point seal for reliable metal-to-metal seal

A fitting evolution in safety.



Gastite has always led the way in offering the best installation choices for residential gas delivery systems. And thanks to the protective jacket system and our XR3 fitting, FlashShield is truly the undisputed champion of CSST.