

JUST THE FACTS



FACTS ABOUT CSST FLEXIBLE GAS TUBING

CSST lightning safety is serious business. Yet many myths and misconceptions about its performance remain. This piece is intended to help clear the air by giving you the facts you need to make the right choice for your next residential or commercial gas delivery installation.

MYTH: All conductive Corrugated Stainless Steel Tubing (CSST) is designed and tested to withstand most direct lightning strikes.

FACT: Gastite's FlashShield™ conductive CSST is the only product available that's third-party tested and proven to withstand nearly 95% of simulated direct lightning strikes. FlashShield's closest competitor is tested to withstand only around 5%.



MYTH: All conductive CSST meets LC1027 standards for lightning protection.

FACT: Gastite's FlashShield is the only conductive CSST currently on the market that meets the ICC-ES PMG LC1027 performance standards for multilayer, conductive, jacketed CSST. The LC1027 testing evaluated the ability of the conductive CSST jacket material to withstand simulations of lightning voltage/currents that may exist within a residential or commercial structure. **To date, FlashShield is the only conductive CSST to meet all performance requirements.**

To order, call your Gastite representative or distributor. To learn more, go to gastite.com/flashshield.
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The System is the Solution™

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MYTH: This LC1027 standard isn't much different than the previous LC1024 standard.

FACT: In the past, the ICC-ES PMG LC1024 listing has been the measuring stick by which protective conductive CSST jackets have been accepted in the market. According to their criteria, conductive CSST must have the ability to withstand 4.5 coulombs of electrical energy. However, the LC1027 standard has raised this requirement to 36 coulombs of protection.

In summary, the LC1027 criteria specify 8X higher charge levels and up to 30X higher currents than LC1024, making them the most robust listing criteria currently available for protective conductive CSST jacketing.

MYTH: Standards and certifications aside, all conductive CSST is created equal.

FACT: As the facts clearly indicate, when it pertains to lightning resistance, conductive CSST safety levels vary dramatically. That's why, in areas where lightning is prevalent, it clearly pays to put safety first by choosing FlashShield.™ It's the only metallically shielded natural gas piping system that not only meets, but exceeds standards for safety and performance.

