

# TracPipe® CounterStrike®

Flexible Gas Piping by OmegaFlex®

## The only gas piping that withstands the forces of Nature!

**CounterStrike® is specifically designed and listed to reduce the potential for lightning related damage to the gas piping system.**

**"We are building homes using the latest technology: CounterStrike® flexible gas piping."**

— Martin Gillespie, VP, Heartland Homes, Inc., Pittsburgh, PA

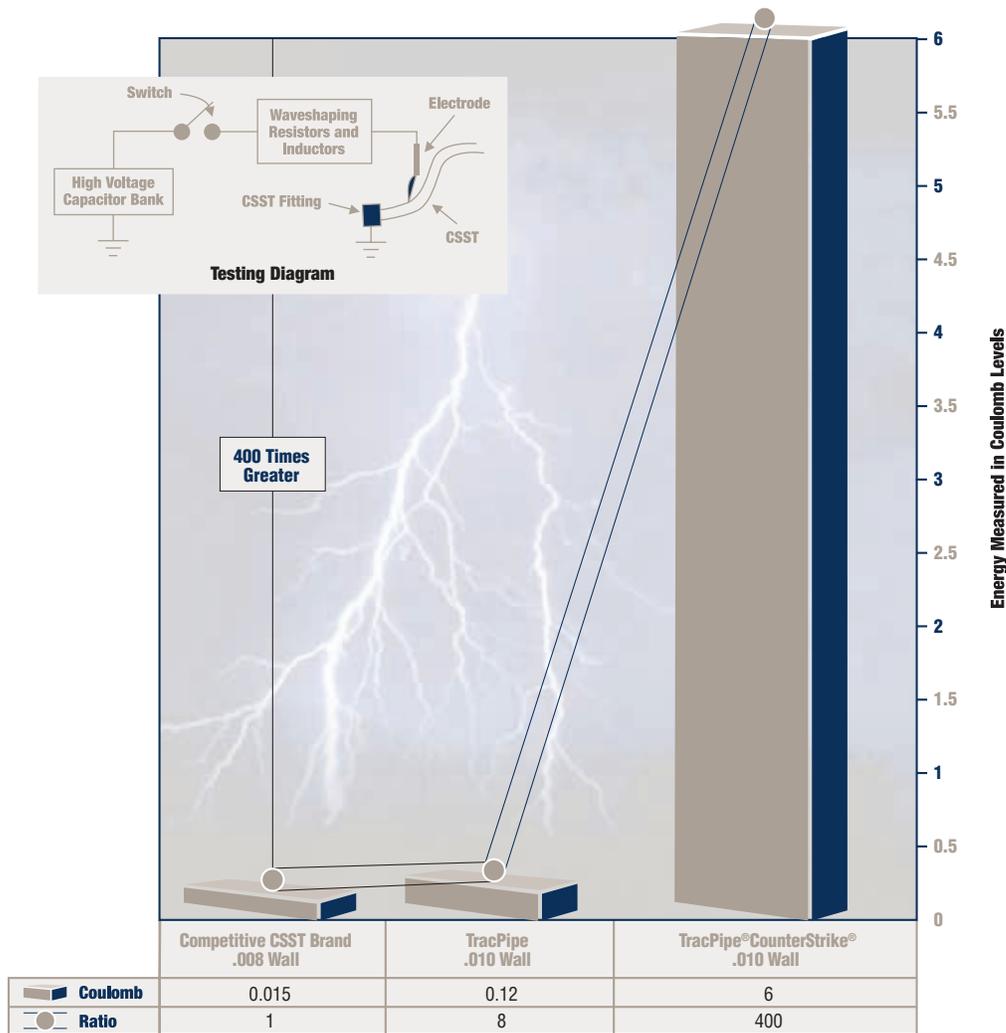
When nature strikes—earthquakes, lightning—it can lead to deadly results. That is why corrugated stainless steel tubing (CSST) was developed to eliminate the danger of rigid gas piping. Twenty years ago, the American National Standards Institute published the first CSST product standard—ANSI LC-1. Since then, over one billion feet of CSST has been installed in over five million homes in North America.

Unlike rigid pipe, CounterStrike® disperses electrical energy, and is listed by Factory Mutual for seismic resistance. Installed in tens of thousands of homes, CounterStrike® is the only lightning resistant CSST with the following level of proven performance:

- Up to 400 times more resistant to the damaging effects of electrical energy than yellow CSST.
- Meets ASTM E84 with respect to flame spread and smoke density. This permits installation in return air plenums.
- The most complete range of CSST sizes (3/8" - 2") available.
- No additional manufacturer bonding is required.
- Lays straighter and pulls easier than competitive CSST.
- The strength of CounterStrike® makes it more crush resistant than competitive brands.
- CounterStrike® has higher flow ratings compared to competitive brands. Installers save money by using a smaller size CounterStrike® (ie 3/8" CounterStrike® versus 1/2" other brand).
- UL Listed for 1, 2, and 4 hour through penetration fire stop systems without removal of the conductive jacket.



# TracPipe® CounterStrike® Outperforms yellow CSST



In locations around the U.S, many home builders have specified CounterStrike® CSST to decrease the potential for lightning induced damage to gas piping systems installed in their new homes. U.S. Fire Departments respond to an annual average of 24,600 fires started by lightning, which cause billions of dollars in damages. Of these lightning fires about 4,600 are in homes. Home lightning fires account for 88% of the associated civilian deaths, 77% of the associated injuries, and 70% of the direct property damage caused by all lightning fires in the U.S.<sup>1</sup> **Not one person has been injured or killed due to defects in CounterStrike® CSST in the U.S.A.**

For legacy and retrofit installations, bonding of TracPipe®CounterStrike® per the manufacturer's instructions is effective at reducing the likelihood of damage from transient arcing.

## Assumed Energy Associated with Transient Arc from Lighting Inside a Building is Less than 2.0 Coulombs

Part Number	Size	Reel Length*	Lb/Reel
FGP-CS-375-250	3/8"	250	37
FGP-CS-500-250	1/2"	250	52
FGP-CS-500-100	1/2"	100	24
FGP-CS-750-250	3/4"	250	70
FGP-CS-750-100	3/4"	100	31
FGP-CS-100-180	1"	180	70
FGP-CS-125-150	1 1/4"	150	78
FGP-CS-150-150	1 1/2"	150	103
FGP-CS-200-150	2"	150	137



**OmegaFlex®**

The driving force for innovative  
Corrugated Stainless Steel  
Tubing Systems

Find out more today at  
[www.tracpipe.com](http://www.tracpipe.com)

OmegaFlex, Inc.  
451 Creamery Way • Exton, PA 19341  
1-800-671-8622  
ISO 9001 Registered Company

Listed to ANSI LC1-2005

FGP-630 10/2014

\* Other reel lengths available

<sup>1</sup> Source: *Lightning Fires and Lightning Strikes*, Ben Everts, NFPA Fire Analysis and Research, Quincy, MA December 2010