

- Saves Time
- Saves Money
- Increases Installation Options

TracPipe® CounterStrike® FGP-CS-500 Pat. 7044167 B2 224

**Product:** CounterStrike® CSST + AutoSnap® Fittings in Remodel Applications

**Location:** Dallas, TX

#### Fast and Simple Replacement of Aging Infrastructure

Considered the “old standard,” black iron pipe is starting to show its age. It is cumbersome, time-consuming and labor-intensive to install, while also being susceptible to leaks from cracks and corrosion caused by extreme weather, temperature or structural movements. Hundreds of residential fires and explosions every year are attributed to old steel piping systems that have outlived their useful life.

#### So, what is the “new standard” CSST piping?

Recently a need arose to replace the natural gas piping in thousands of homes across North Texas. The existing steel pipes could no longer hold the pressure and leaks began appearing in homes across these communities, causing safety concerns and creating potential hazards. Rigid pipe joints are a well-recognized cause of gas leaks, fires and explosions. Shifting homes and shifting soils had left the pipes leaking and corroded. A plumbing contractor found 9 of 10 houses had leaks in the pipes and joints from corrosion, building movement, and age of joint seals. Pipe dope can deteriorate over time and can cause leaks as well. Repairing the old steel piping in-place in the crawlspace would be impossible. After reviewing the options on what piping product would get the job done right, the plumber decided the safest piping available was CSST. It gives peace of mind and makes for happy customers, who enjoy same day service and not days without service.

Chosen by Professional Remodeler as a Top 100 Product for 2018, TracPipe® CounterStrike® CSST is a flexible stainless-steel piping system used for natural gas and propane installations. OmegaFlex CSST has been installed for over 20 years and is used for gas piping systems in single and multi-family, as well as commercial and industrial buildings. CounterStrike’s superior corrugated stainless steel tubing design, corrosion-resistant materials and its patented push-on AutoSnap® fittings combine to make it the best CSST product available. Its proven reliability makes CounterStrike the first choice of plumbers who install gas service.

The flexibility of the CSST and the push-on fittings allow for easy installation in tight spaces and eliminates the chance of leaks and cracks from the gas piping. CounterStrike can be safely installed and routed throughout homes without drastic cosmetic damage and with far fewer joints, while saving about 75% of the labor time. The typical North Texas system replacement was completed in less than 2 hours using CSST compared to a full day for black iron pipe.

No matter what kind of project you are undertaking, using TracPipe® CounterStrike® CSST will provide the natural gas and propane piping that you need to get the project done quickly, and is done right.

*(continued on back)*



*The leaking steel piping was tested, disconnected and replaced with TracPipe CounterStrike® all within 3 hours.*

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*(continued from front)*



There were thousands of homes in Joplin, Missouri leaking natural gas as a result of a tornado, thousands of homes in Northridge, California leaking natural gas as a result of an earthquake, and thousands of homes leaking gas as a result of wet clay soil conditions in Dallas, Texas from black iron pipe.

No gas piping product is wind proof or seismic proof or flood proof but gas piping that is flexible, corrosion resistant and has less potential leak points is the safer, more reliable choice.

Black steel pipe is an outdated technology that uses heavy, rigid steel pipes and field-cut threads on each connection.

Joints leak from poorly cut threads or cross-threaded joints, and degraded joint sealant.

Black steel pipe corrodes even under normal atmospheric conditions. According to the National Fire Protection Association (NFPA) corrosion has been reported to be the cause of as much as 30% of all known gas leaks.

Joints in black steel pipe break at threaded joints from building movement and settling, floods, earthquakes, and tornadoes. The NFPA reports that up to 60% of all gas leaks are the result of physical damage to the fuel gas system.

Black steel pipe can be perforated from electrical arcing caused by lightning, allowing gas to escape and cause a fire. Pipe dope at the joints can melt from lightning events and cause leaks and explosions.

According to NFPA statistics, these leaks and breaks from black steel pipe cause over 1,000 fires and explosions each year, killing 25 people each per year.

Most black steel pipe comes from overseas, and may not even measure up to schedule 40 pipe.

CSST is made from a corrosion resistant stainless steel covered with a moisture resistant plastic jacket. Most CSST is made in the United States.

There are typically up to 3 times more joints when using steel pipe compared to CSST. Each of those joints are a potential leak spot.

#### **There have been no proven deaths due to CSST**

As a remodeler you should ask yourself if this was my house and it should move because of wind, earthquakes, flooding or perhaps because of the foundation settling am I safer with a rigid gas piping system in my home that normally requires many more fittings or a flexible gas piping system that not only has some capability for some movement but is coupled with an ability to be installed with fewer fittings?

For more information on Gas piping safety visit [CSSTFACTS.ORG](http://CSSTFACTS.ORG).

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PROFESSIONAL REMODELER  
**TOP 100**  
PRODUCTS