



What is CSST: Is It Safe For My Home?

Corrugated Stainless Steel Tubing (CSST) is a bendable, stainless steel pipe used in residential and commercial structures to supply propane and natural gas.

BENEFITS OF CSST

There are many benefits to CSST over conventional piping. CSST is highly resistant to leaks due to fewer connections needed during installation. CSST offers excellent flexibility and can be snaked around obstacles and through walls easily.

PROPER INSTALLATION

The highly bendable nature of CSST allows it to handle increased seismic activity (such as earthquakes) without leaking gas. The old, rigid black iron pipes that were used before CSST would often fail and start fires during earthquakes. Fortunately with CSST, fires due to seismic activity are now largely a thing of the past.

ARE THERE ANY DRAWBACKS TO CSST?

Yes, while CSST is much safer than older, conventional piping, there are still risks. The primary risk factor is lightning striking your home or business and causing a small hole to form in the gas line. Your CSST gas pipe **MUST** be bonded to a ground rod to protect against lightning strikes.



WHY WASN'T MY CSST PIPE BONDED DURING CONSTRUCTION?

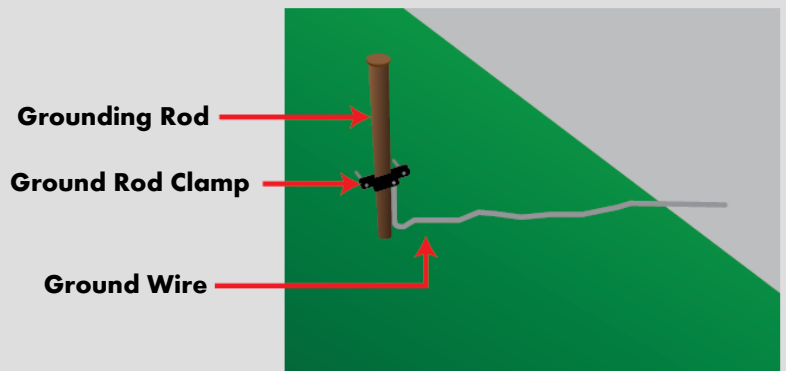
Great question! It was not until years later that local code enforcement required the bonding of CSST pipe. There are countless homes and businesses that presently remain unprotected. Are you one of them?

THE BONDING OF CSST PIPE IS FAIRLY STRAIGHT-FORWARD, BUT THERE ARE SOME IMPORTANT PRECAUTIONS THAT SHOULD BE TAKEN ANYTIME YOU ARE DEALING WITH GAS PIPING:

HOW TO PROTECT YOUR FAMILY

- **CALL 811 BEFORE DRIVING A GROUND ROD INTO THE GROUND AS YOU COULD HIT A POWER LINE OR GAS LINE.**
- **BONDING MUST BE PLACED AT THE CORRECT LOCATION TO BE EFFECTIVE.**
- **BE SURE THE WIRE IS THE CORRECT SIZE. DO NOT OVERTIGHTEN BONDING CLAMP.**

PROPER CSST BONDING AND GROUNDING



Lightning is a very powerful and destructive force. Even an indirect lightning strike that doesn't hit your home directly can cause all electrically conductive systems to become energized. These strikes can result in a power surge that can damage gas piping systems and ultimately cause a fire. Properly bonding and grounding the CSST significantly reduces the risk of damage and fire and keeps your family safe.

We always have your safety and protection in mind. Call us today with concerns regarding CSST or any other service or repair needs. Your safety is our top priority.