

# Pro-Flex® CSST Gas Piping

## BENEFITS

### of Pro-Flex® Corrugated Stainless Steel Tubing ...Flexible Gas Piping

- Easy installation and handling, which equals fewer delays during construction.
- Wide choices of system design options.
- **Pro-Flex®** fittings are easy to assemble, no special tools required.
- Expansion of new gas appliances or additions to homes made easy.
- Fewer joints and therefore less potential leak points than in black iron pipe or copper pipe systems.
- No pipe cutting and threading or heavy equipment needed.
- **Pro-Flex®** is quick and easy to install, no special tools required, no flaring required. Installed by qualified installer.
- Our fittings are **THE ONLY DUAL SEALED FITTINGS FOR ADDED SAFETY!** Our proprietary High-Temperature Gasket and Silicone O-Ring will withstand extreme heat and cold temperatures and has been tested for longevity. All fittings and component parts are certified by CSA (Formerly American Gas Association) to the current LC-1 standards.
- **Pro-Flex®** 1/2", 3/4", 1" and 1 1/4" male fittings are the ONLY CSST fittings in the marketplace which are tapped 3/8", 1/2", 3/4" and 1" female NPT.
- **Pro-Flex®** manufactures the ONLY CSST fitting and components which are completely reusable. No special tools are required to assemble our fittings.
- All **Pro-Flex®** CSST flexible gas piping and fittings are quality checked and pressure tested before shipping to the marketplace.
- **Pro-Flex®** flexible piping is annealed to give better flexibility without altering the strength of the pipe. **Pro-Flex®** flexible pipe will stay in place when formed or bent. Non-annealed pipe, after forming has a much higher chance of stress corrosion cracking.
- We believe in the **Pro-Flex®** System so much that we patented it! ... *Patent #5,845,946, #5,857,716 and #6,102,445.*
- **Pro-Flex®** is CSA (formerly AMERICAN GAS ASSOCIATION) and CGA (CANADIAN GAS ASSOCIATION) design certified to the current ANSI LC-1 standards.



**Pro-Flex®** is a registered trademark of Tru-Flex Metal Hose LLC of West Lebanon, Indiana, U.S.A. The installation of **Pro-Flex®**, CSST (Corrugated Stainless Steel Tubing) must be performed by a qualified installer. **Pro-Flex®** has been tested to the ANSI Standards for Fuel Gas Piping Systems using Corrugated Stainless Steel Tubing, ANSI/LC1a-2009. CSA 6.26a-2009a addendu standards for Flexible Gas Tubing for Natural Gas and Propane Piping Systems.

While every effort has been made to prepare this document in accordance with all regional model codes in effect at its printing, Tru-Flex Metal Hose cannot guarantee that the local administrative authority will accept the most recent version of these codes. It is the ultimate responsibility of the installer to determine suitability and acceptance of any building component including gas piping. Tru-Flex Metal Hose LLC, manufacturers of **Pro-Flex®** CSST, assumes no responsibility for labor or material for installations made without prior determination of local code authority acceptance.

# Pro-Flex® CSST Gas Piping

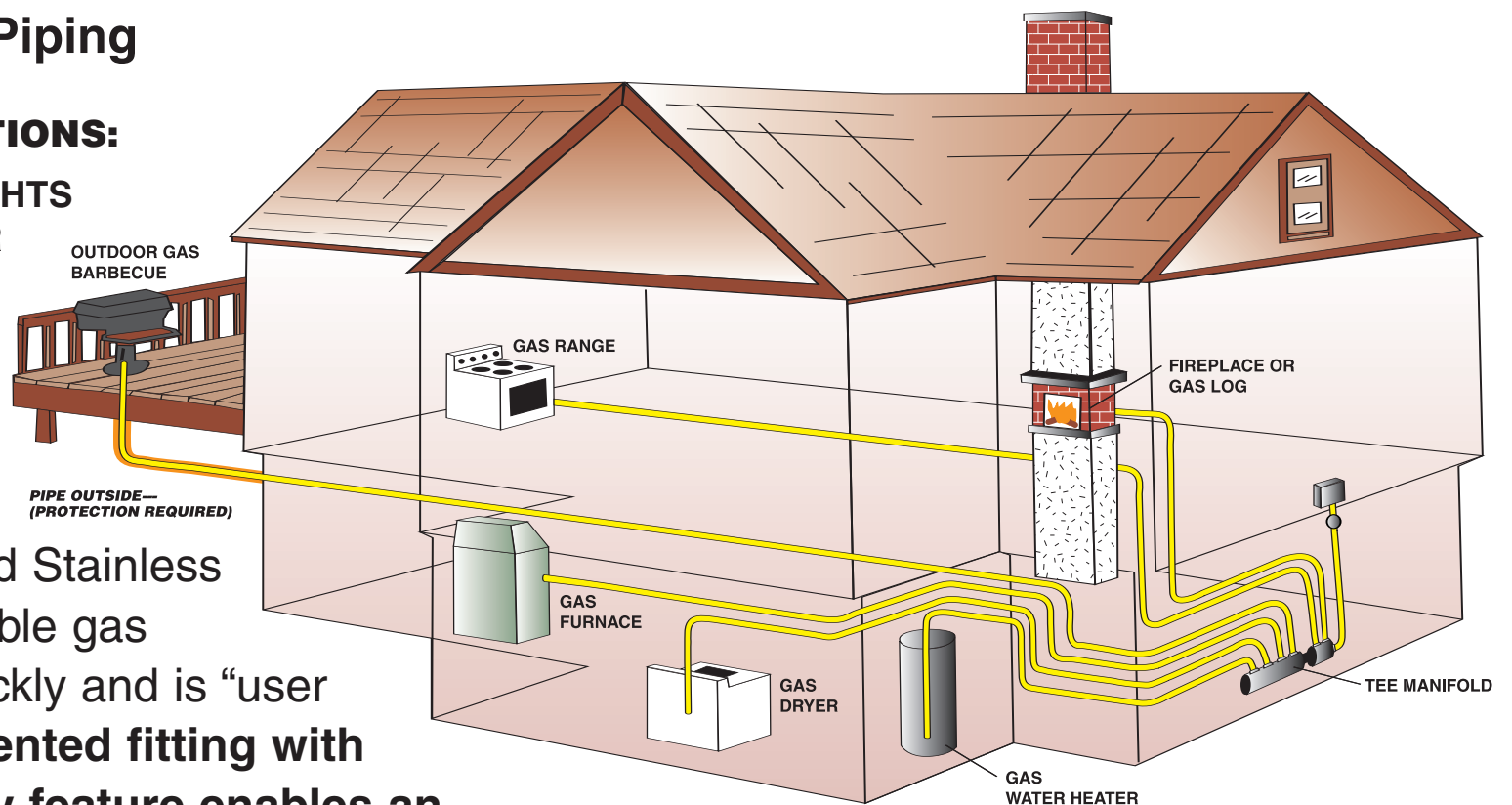
## APPLICATIONS

### Pro-Flex® Corrugated Stainless Steel Tubing (CSST)

CSA Design Certified to the current ANSI LC-1 Standards for LP or Natural Gas Piping

#### OTHER INSTALLATIONS:

- OUTDOOR GAS LIGHTS
- GAS POOL HEATER
- GAS GARAGE OR BARN HEATER
- GAS ROOM HEATERS



CSST (Corrugated Stainless Steel Tubing) flexible gas

piping installs quickly and is “user friendly”. Our patented fitting with the double safety feature enables an

installer to eliminate potential leaks. The entire job can be done quickly – no heavy pipe to unload or cut or thread. Simply measure out length of flexible gas pipe required, cut and assemble. Tests by the Gas Research Institute provide labor savings of 24% to 66% in new construction and up to 72% in rehab projects.

**WARNING:** Installation/Training Guide must be read and followed! Improper installation or operation of the system may result in fire, explosion, or asphyxiation. Only the components provided or specified are to be used in the installation. In accordance with the NFPA 54 Section 7.13, Tru-Flex Metal Hose LLC, requires proper bonding of the Pro-Flex® gas-piping systems in a structure to the structure’s electrical grounding system. This must be performed by a qualified person recognized by the local jurisdiction as capable of performing such work. These requirements are for all Pro-Flex® CSST installations.

### Benefits of the CSST (Corrugated Stainless Steel Tubing) flexible gas piping system include:

- Easy installation and handling, which equals fewer delays during construction
- Wide choices of system design options
- Easy to assemble fittings, no special tools required
- Expansion of new gas appliances or additions to homes made easy
- Fewer joints and therefore less potential leak points than in black iron pipe or copper pipe systems
- No pipe cutting and threading or heavy equipment needed
- **Pro-Flex® is Installer Friendly**
- Eliminates the majority of connections currently required by a typical black pipe installation. Connections are faster, thus installers time can be cut in half – which saves money.
- **Pro-Flex®** manufactured in 3/8”, 1/2” and 3/4” diameters is available in 25’, 50’, 75’ and 225’ coils. 1” diameter is available in 25’, 50’, 75’ and 150’ coils. 1 1/4” diameter is available in 75’ and 150’ coils.