

# Gastite® CSST System Specification

## 1. DEFINITIONS:

A. CSST: Corrugated Stainless Steel Tubing

## 2. CSST

A. Gastite® corrugated stainless steel tubing manufactured from ASTM A240, type 304 stainless steel with a minimum nominal wall thickness of 0.01". System shall comply with the ANSI LC-1 standard, “*Fuel Gas Piping Using Corrugated Stainless Steel Tubing*”, and carrying listings by CSA International, Certification Number 2728525, ICC Evaluation Services, PMG-1019, and IAPMO Uniform-ES, Evaluation Report 3250.

## 3. MECHANICAL FITTINGS

A. Gastite® mechanical tube fittings manufactured from ASTM B16 type 360 brass whose design incorporates a double wall flare for gas-tight seal with Jacket Lock™, mechanical capture of the jacket for enhanced tubing protection. Include ends with threads according to ASME B1.20.1 for connection to threaded pipe or fittings.

## 4. PROTECTIVE JACKET

A. Corrugated stainless steel tubing furnished with factory-applied corrosion-resistant polyethylene jacket. Jacket properties include the following:

1. Gastite® corrugated stainless steel tube jacket shall be UV-Resistant polyethylene, and meeting the requirements of ASTM E84 of (25) for flame spread and (50) smoke density.

## 5. PIPING APPLICATIONS

A. Natural gas and Propane residential and commercial gas piping systems.

1. ½” to 2” nominal I.D. sizes: Gastite® corrugated stainless steel tube and brass fittings.

## 6. PIPING INSTALLATION

A. The tubing, fitting, and strike-protection are to be Gastite® and shall be installed per the current version of the Gastite/FlashShield Design & Installation Guide and per **[Local Code]**. Gastite® supplied training shall be obtained by all installers prior to installation. The gas-piping system shall be pressure tested in accordance with all requirements of **[Local Code]**, ANSI LC-1 and the most current edition of the Gastite/FlashShield Design and Installation Guide.