

FlashShield™ Flexible Gas Piping System Specification

GAS PIPING

Fuel gas piping to be FlashShield™ metallically shielded corrugated stainless steel tubing (CSST) complying with the ANSI LC-1/CSA 6.26 standard ‘*Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing*’, and with ICC and IAPMO listings indicating compliance with the ICC-ES PMG LC1027 listing criteria, ‘*Listing Criteria for Protective Jacketed Corrugated Stainless Steel Tubing (Minimum 36 Coulomb Charge Transfer)*’.

MATERIALS

Materials to be FlashShield metallically shielded CSST manufactured from ASTM A240 Type-304 stainless steel with a minimum nominal wall thickness of 0.01". Tubing jacket to be multi-layer, consisting of a metal shield between two polymer layers as well as being UV-Resistant, and achieving ASTM E84 ratings of (25) for flame spread and (50) for smoke density.

Mechanical fittings are to be manufactured from ASTM B16 Type-360 brass and of design which provides electrical continuity between the CSST’s metal shield and the brass fitting. Brass fittings also to include jacket-lock® feature to provide a contact seal between the fitting assembly and outer polymer layer of the CSST.

INSTALLATION

The FlashShield flexible gas piping system shall be installed per the current version of the FlashShield Design & Installation Guide and local codes. FlashShield system training is required and provided by the manufacturer and/or its training representatives and training certification cards will be provided to installers who successfully meet the training requirements.