

FlashShield+™ Flexible Gas Piping System Specification

GAS PIPING

Fuel gas piping to be FlashShield+™ metallicly 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 ICC-ES, and IAPMO listings indicating compliance with the ICC-ES PMG LC1027 testing criteria, ‘*Listing Criteria for Protective Jacketed Corrugated Stainless Steel Tubing*’ (Minimum 36 Coulomb Charge Transfer).’

MATERIALS

Materials to be FlashShield+ metallicly shielded CSST manufactured from ASTM A240 Type-304 stainless steel. A protective jacket system over the CSST consisting of an electrically insulative polymer cover, a metallic shield layer, and a semi-conductive inner polymer layer. The piping system 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. Brass fittings include jacket-lock® feature to provide circumferential contact 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. Training certification cards will be provided to installers who successfully meet the training requirements.