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 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 metallically 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.