

Engineering Specification

SHORT SPECIFICATION

PART 2 – PRODUCTS

2.1 MANUFACTURES

Copper Press Fittings:

Viega • 301 N. Main, Floor 9, Wichita, KS 67202 • Tel: 877-VIEGA-NA • www.viega-na.com

2.2 MATERIAL

Press Fitting:

Copper and copper alloy press fittings shall conform to material requirements of ASME B16.18 or ASME B16.22 and performance criteria of IAPMO PS 117. Sealing elements for press fittings shall be EPDM. Sealing elements shall be factory installed or an alternative supplied by fitting manufacturer. Press end shall have SC (Smart Connect) feature design (leakage path). Smart Connect™ (SC Feature) In ProPress ½" to 4" dimension the Smart Connect Feature assures leakage of liquids and/or gases from inside the system past the sealing element of a unpressed connection. The function of this feature is to provide the installer quick and easy identification of connections which have not been pressed prior to putting the system into operation

PART 3 – EXECUTION

3.4 INSTALLATION, COPPER TUBING

Press connections:

Copper press fitting joints shall be made in accordance with the manufacturer's installation instructions. The tubing shall be fully inserted into the fitting and the tubing marked at the shoulder of the fitting. The fitting alignment shall be checked against the mark on the tubing to assure the tubing is fully engaged (inserted) in the fitting. The joints shall be pressed using the tool approved by the manufacturer.