



Xpress Press-Connect Fittings

Revision AAA - November 11, 2008

Engineering Specification:

Following are the basic elements that cover the language needed in an engineering specification to allow the use of XPress press-connect fittings as an alternate method of joining copper tubing.

Products

1.1 Manufacturer

Copper and Copper Alloy Press-Connect Fittings:
Elkhart Products Corporation
1255 Oak Street
Elkhart, Indiana 46515
800-284-4851 or 574-264-3181
www.elkhartproducts.com

1.2 Material

Press-Connect Fitting: Copper press-connect fittings shall conform to the material and sizing requirements of ASME B16.18 or ASME B16.22 O-rings for copper press-connect fittings shall be EPDM.

1.3 Installation

Press-Connections: Copper press-connect fittings shall be installed in accordance with the manufacturer's installation instructions. The tubing shall be fully inserted into the fitting and marked at the end of the fittings. The fitting alignment shall be checked against the mark on the tubing to insure the tube is fully engaged (inserted) in the fittings. The joints shall be pressed using a pressing tool and jaws, or jaw set, approved by the manufacturer

1.3.1 Installation – Large Diameter

Alignment of the correct area on the fittings with the corresponding correct area of a crimping sling is critical. Therefore the manufacturer has placed an elastic band (green in color) in the groove of the fittings for use as an alignment aid when placing a crimping sling around the fitting prior to activation of the crimping device.

The band is a visual reminder for making sure the sling has been placed and aligned properly to the fitting. When the installer has confirmed that positioning and alignments are correct and other proper installations procedures have been followed, crimping can take place with the band remaining in the groove.

The band can be left in place!