



## Hydro-Flex Press Fittings Specification Sheet

### **Engineering Specification:**

Sizes: 1/2", 5/8", 3/4", 1"

Hydro-Flex Press fittings are designed to be used in potable water or radiant heating applications. The Hydro-Flex Press fitting is designed to be used solely with PEX-AL-PEX ASTM F1281 tubing. Fittings are available in the following configurations:

Press x Press, Press x NPT, Press x Sweat and Press x Barbed (F1807).



All connections must be installed in accordance with the corresponding installation instructions. Hydro-Flex Press fittings are approved for use in potable water and radiant heating applications.

### **Standards and Listings**

Fittings are manufactured in accordance with ASTM F-1281, and are listed to NSF-14/61.

### **Installation**

Cut the tubing squarely. Be sure you have an even cut without any burrs or irregular shape.

Slide the proper size reamer tool into the cut end of the tubing. Turn the reamer at least two (2) revolutions. The reamer is performing two functions: rounding the cut end of the tubing and cutting a small chamfer groove on the upper inside of the tubing end. This groove allows the fitting to slide into the pipe without rolling the O-rings.

Insert the fitting body into the end of the tubing all the way to the fitting shoulder. Use the small peep holes at the end of the stainless steel sleeve to sight the tubing. If tubing does not cover the entire sight hole, the fitting is not seated properly.

Using the proper size pressing jaw from either the manual or battery pressing tool, position the jaw entirely over the stainless steel sleeve. The pressing tool and jaw must be in a 90° angle to the fitting and tubing.

Press the fitting completely. With the manual-pressing tool fully close both handles until the handles open freely. With the battery-pressing tool complete the pressing operation until the tool makes a snapping sound. Inspect the fitting. If the fitting does not appear to have pressed completely around the tubing, cut the fitting off of the end of the tubing and re-do the complete process. Never re-press a fitting a second time.

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