



Hydro-Flex Compression Fittings Specification Sheet

Engineering Specification:

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

Hydro-Flex Compression fittings are designed to be used in radiant heating applications. The Hydro-Flex Compression fitting is designed to be used solely with PEX-AL-PEX ASTM F-1281 tubing. Fittings are available in the following configurations:

Compression x Compression, Compression x NPT, Compression x Sweat, and Compression x BSP



All connections must be installed in accordance with the corresponding installation instructions. Hydro-Flex Compression fittings are for heating applications only. Do not use these compression fittings for potable water applications.

Standards and Listings

Fittings are manufactured in accordance with ASTM F-1281, and carry an NSF-14 listing for radiant floor heating (NSF-rfh).

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.

Slide the nut and compression crimp ring over the cut end of the tubing. Insert the fitting body into the end of the tubing all the way to the fitting shoulder.

Slide the compression crimp ring and nut over the end of the tubing.

Using a wrench, tighten the nut until no threads are showing on the fitting body.

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