

## COMPRESSION FITTINGS

# Radiant





Compression Ring

Ask for ALEX.

## No special tools required!

#### Simple and Reliable

The RadiantPEX-AL fitting system from Watts Radiant is as simple as it looks. All you need is a wrench to tighten the nut. Double O-rings and a brass compression ring insure a leak-proof connection. Made of solid brass, these fittings are for long, trouble-free service.

#### RadiantPEX-AL Compression Fittings:

RadiantPEX-AL Brass Fitting Adapter, Male Sweat

RadiantPEX-AL Brass Sweat Adapter, Female Sweat

RadiantPEX-AL Brass MNPT Adapter

RadiantPEX-AL Adapter - Press x Male Thread

RadiantPEX-AL Couplings

RadiantPEX-AL Brass Elbow - Compression x Male Sweat

RadiantPEX-AL Brass Elbow - Compression x Female Sweat

RadiantPEX-AL Brass Elbows - (Equal)

RadiantPEX-AL Brass Tees - (Equal)

RadiantPEX-AL Brass Tees - (Unequal)

Notes: 1. All fittings come complete with compression nut and ring.

2. RadiantPEX-AL fittings are not listed for potable use.

#### RadiantPEX-AL Codes, Listings, and Standards:

RadiantPEX-AL Press fittings are manufactured in accordance with American Standard Testing Methods (ASTM) F-1281, and carry the UPC certification mark, as approved by the International Association of Plumbing and Mechanical Officials (IAPMO).









## Installation Guidelines

A subsidiary of Watts Water Technologies, Inc.

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### **Making RadiantPEX-AL Compression Connections**

#### **Product Overview**

Compression fittings are designed to be used with RadiantPEX-AL in radiant heating and snowmelting applications. The fittings are compatible with water and water/glycol solutions. No other tubing type may be used.

Fittings are available in a variety of Compression x Sweat, Compression x NPT or Compression x BSP connections.

#### Warnings:

- When using sweat fittings, ensure that all O-rings and insulator inserts are removed prior to soldering.
- If connections must be made in temperatures lower than 30°F (0°C), caution must be taken to allow for a proper seal.

#### **Connection Steps**

#### Step 1:

Cut a clean, square end to the tubing.

#### Step 2:

Use the Reamer tool to shape and prep the tubing.

#### Step 3:

Slide the compression nut over the tubing.

#### Step 4:

Slide the compression ring over the tubing.

#### Step 5

Make sure the plastic insulator insert is in place at the base of the fitting.

#### Step 6:

Slide the tubing over the fitting. Make sure the tubing is sealed against the insulator insert of the fitting.

#### Step 7:

Slide the compression nut up and begin threading it onto the base. The compression ring will automatically be positioned over the fitting.

#### Step 8:

Use a box-end wrench to complete the connection (Do not use a crescent wrench). Tighten the connection until snug and then an additional 1/4 turn.

















In the United States:

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