

### Making Radiant PEX-AL Compression Connections

#### Product Overview

Compression fittings are designed to be used with Radiant PEX-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.

