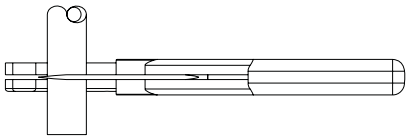
PEX-Al-PEX Compression Fittings - QHPAP__C
Installation Instructions

The Zurn Pex-Al-Pex compressions fittings are to be used for heating applications only. They are not to be used in potable water applications. All fittings must have an isolator between the end of the Alumicor tubing and the brass fitting.

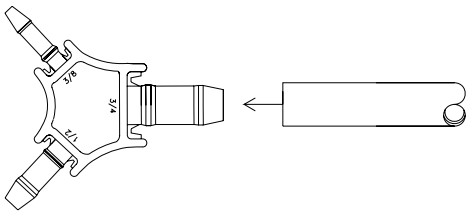
Cut Zurn PEX AlumicorTubing

Step 1: Using a blade type cutter, cut tubing to desired length.



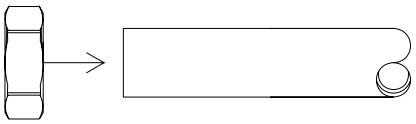
Prepare Tubing

Step 2: Use the appropriate sized section of the reamer tool. Insert cut tubing onto the tool and twist to reshape and prepare the tubing for the fitting.



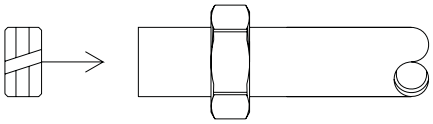
Insert Nut

Step 3: Slide the fitting nut onto the tubing. The threads should be facing the end of the tubing.



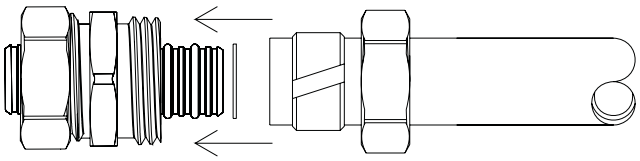
Install Split Ring

Step 4: Slide the split ring onto the tubing.



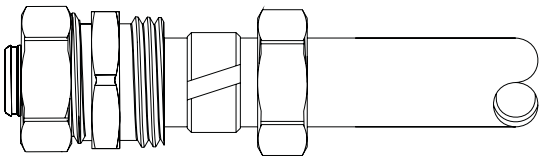
Install Tubing Isolator

Step 5: Verify the plastic isolator is installed in the fitting.



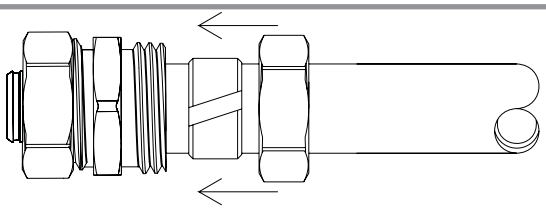
Install Tubing

Step 6: Push the tubing onto the barb until it touches the tubing isolator.



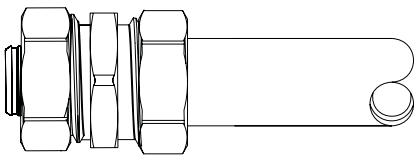
Prepare Fitting

Step 7: Slide split ring and nut down to the threads of the fitting.



Tighten Fitting

Step 8: Tighten nut onto threads until snug and continue to tighten an additional 1/4 turn with a wrench.



Warning: When installing solder fittings, excessive heat may damage o-rings and isolators.

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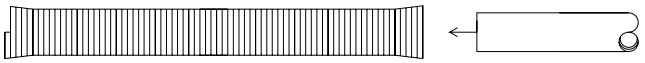
PEX-Al-PEX Bending Spring - QHPAPES-_
Installation Instructions

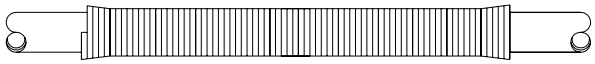
Slide Spring On

Step 1: Use the appropiate size external bending spring. Slide the external bending spring overtop of the tubing.



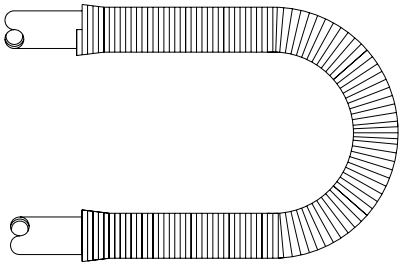
Center Spring

Step 2: Position the center of the external bending spring where the center of the bend needs to be made.

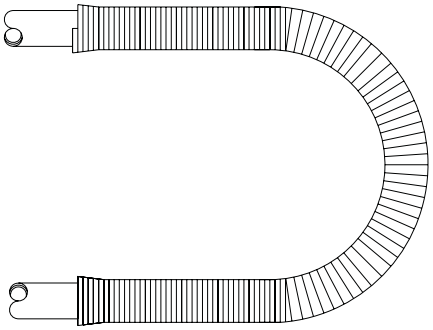


Bend Spring

Step 3: Grab the two ends of the external bending spring and put a bend in the tubing by placing a solid curved object (such as the installers knee) in the middle of the spring and then pulling on both sides of the spring to form the curve shape. The bend should be slightly over bent at this point.

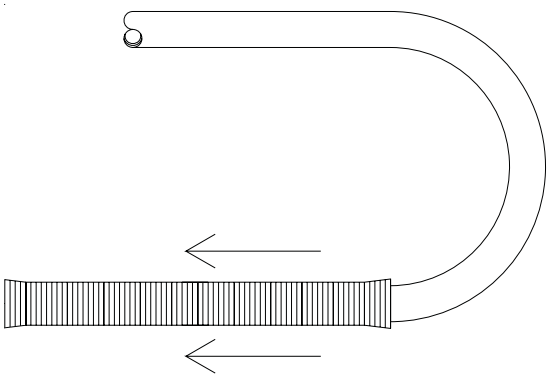


Step 4: Form the bend to the appropiate radius. A slight over bend initially helps the spring slide throughf after the final bend is formed.



Slide Spring Off

Step 5: Slide the external bending spring off of the new bend and to the next part of the tubing the needs to be bent, and repeat steps 2-4. HINT: If the installer is experiencing difficulties sliding the external bending spring to the next area to be bent, rotate the spring clockwise to widen the spring diameter.



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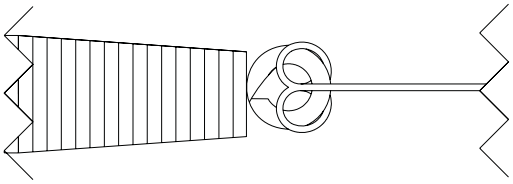
PEX-Al-PEX Bending Spring - QHPAPIS-_
Installation Instructions

Tie Rope

Step 1: Tie a piece of rope onto the eye of the internal bending spring.



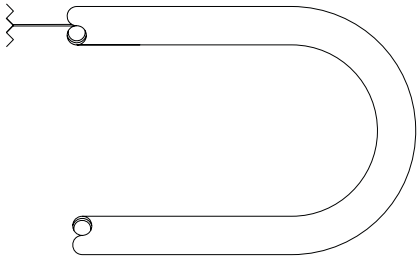
Insert Spring

Step 2: Use the appropiate sized internal bending spring. Insert the internal bending spring so the side without the eye is going into the tubing first. HINT: If the spring does not seem like it will fit through the tubing, rotate the spring counter clockwise to decrease the size of the spring, then try to insert it.

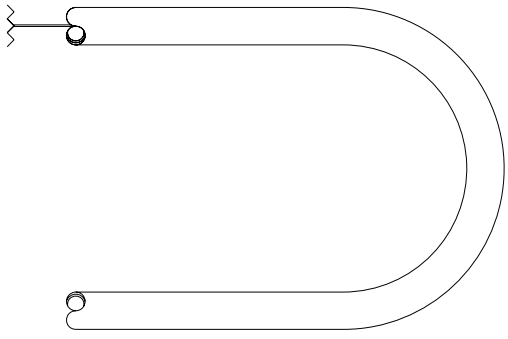
Step 3: Slide the internal bending spring to the portion of the tubing that needs bending. If more than one bend is going to be placed in the loop, slide the internal bending spring to the farthest portion of the tubing that needs bent from the opening. This way the internal bending spring will be easier to pull back out.

Bending the Spring

Step 4: Slide the internal bending spring so the center of the spring is in the center of the portion to be bent. Then bend the tubing around a solid round surface (such as the installers knee). The bend should be slightly over bent initially.

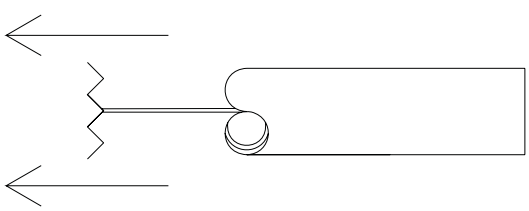


Step 5: Form the bend to the appropiate radius. A slight over bend initially helps the spring slide throughf after the final bend is formed.



Pull the Spring

Step 6: Pull the internal bending spring to the next portion of the tubing that needs bent. Then repeat steps 3-5 untill all bends are made in the section.



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