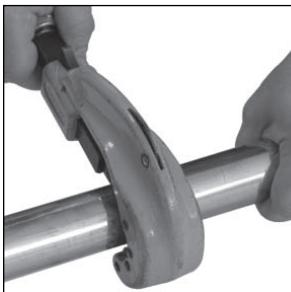


## Presscon™ installation guide



Cut tube end square and to desired length.



Clean any debris from inside of tube. Deburr or ream inside and outside of tube.



Make sure surface is smooth and without burrs or sharp edges.



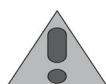
Check the black o-ring seal to make sure that it is in place, clean and free of oil or grease.



Insert the tube into the fitting, make sure the tube is fully inserted and mark with a marker to indicate proper insertion depth (7/8").



Check that the proper clamping jaws are installed and open jaw arms to set. Place jaw around valve end and double check proper insertion depth, press fitting.



**CAUTION:** Read press tool operator's installation instructions before using. Failure to follow all instructions may result in extensive property damage and/or serious personal injury.

## **Caleffi Presscon™ – Testing Instructions for Valves with Leak Detection**

### **Pressure testing:**

Caleffi recommends the following leak testing procedures when installing Caleffi Presscon™ with the leak detection feature. These test procedures allow the installer to find un-pressed connections while the system is being tested under pressure. The uniquely designed EPDM o-ring allows fluids or gases to flow past the seal and leak when the fitting has not yet been pressed. When the fitting has been pressed, the o-ring will create a water tight seal around the tube.

### **Air leak testing:**

1. Pressurize system up to 15 psi maximum using dry, oil free compressed air, carbon dioxide, or nitrogen.
2. Allow system pressure to stabilize for a minimum of 2 hours.
3. If system pressure has dropped, add more air to bring entire system up to 15 psi maximum. If system pressure increases above 15 psi, bleed off excess pressure to ensure system is at a maximum pressure of 15 psi.
4. If the system pressure continues to drop, inspect all joints for un-pressed fittings. The Presscon™ press fittings with the leak detection feature are designed to leak in an un-pressed condition.
5. Check all press joints for air leaks using a commercially available leak test solution or a soap and water mixture.
6. Once the system has been confirmed to be leak free, pressure can be increased to the recommended working pressure to verify system integrity.

### **Water leak testing:**

1. Pressurize system up to 25 psi maximum using water.
2. Look for leaks from unpressed Presscon™ fittings.
3. Allow system pressure to stabilize for a minimum of 2 hours.
4. If system pressure has dropped, add more water to bring entire system up to 25 psi maximum. If system pressure increases above 25 psi, bleed off excess pressure to ensure system is at a maximum pressure of 25 psi.
5. If the system pressure continues to drop, inspect all joints for un-pressed fittings. The Presscon™ press fittings with leak detection feature are designed to leak in an un-pressed condition.
6. Once the system has been confirmed to be leak free, adjust the system pressure to the designed psi.