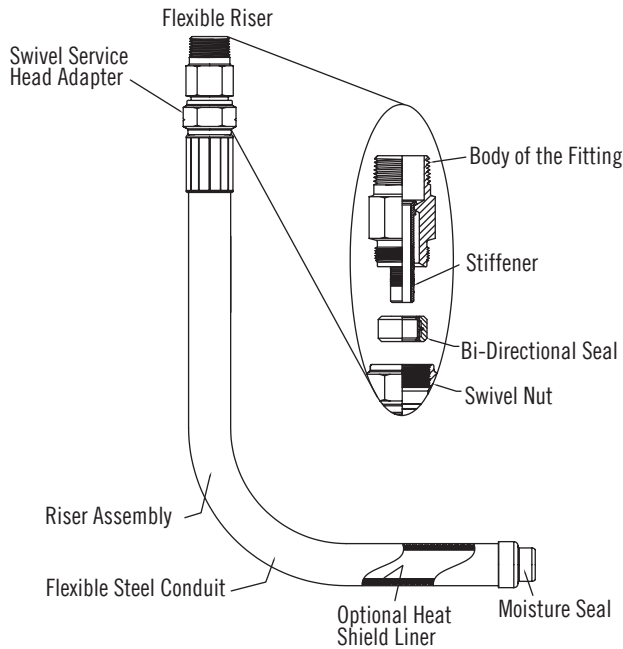




IMPORTANT NOTICE - READ CAREFULLY

Chicago Fittings X-RISER® Detailed Installation Instructions



NO TORQUE REQUIREMENTS

All X-Risers® incorporate the “bottoming” or “positive stop” design. Simply tighten the compression nut until it is metal-to-metal and you are done.

INTEGRAL BARBED STIFFENER

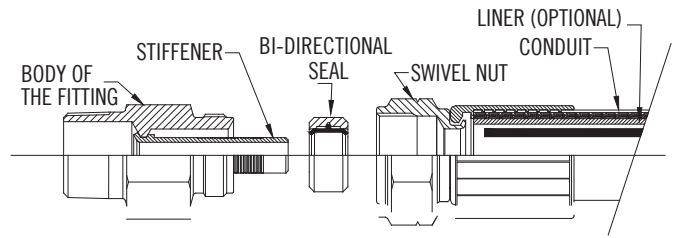
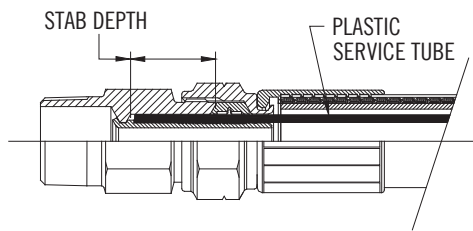
Are permanent (not loose) for additional pull out resistance.

BI-DIRECTIONAL SEAL

Assembly CAN'T be installed improperly where some competitors multiple internal components MUST have proper order and orientation to function properly.

What is needed:

- Sharpie
- Tape measure
- Pipe cutters
- A pair of flat jaw wrenches
- X-riser



1. Remove the body of the fitting
2. Install the body of the fitting into a meter valve, regulator, or piping system
3. Remove bi-directional seal from swivel nut on riser and put it aside
4. Insert plastic service tube through the riser assembly and extend the plastic tube a minimum of 8” passed the end of the swivel nut
5. Cut the plastic tubing square and deburr O.D. and I.D. Clean exposed tubing with a clean, dry, grease free cloth making sure not to scratch the surface of the plastic tubing.
6. With a Sharpie and the measuring tape, mark the stab depth on service tubing (SEE STAB DEPTH / STIFFENER CHART). Make sure not to scratch surface of plastic tubing with marker.
7. Slide bi-directional seal onto the plastic service tube and tuck it into the shoulder of the swivel nut
8. Insert the stiffener into the tube until the stiffener is within 1/8” from the stab line
9. Slide the riser assembly up to the body of the fitting and engage the threads

***If there is any resistance when connecting the swivel nut to the body of the fitting, start over by re-aligning the threads

10. Once hand tightened, take the pair of wrenches, and tighten until the body of the fitting and the swivel nut are iron bound (metal-to-metal)

Stab Depth/Stiffener Chart

TUBE SIZE	STAB DEPTH	WALL	COLOR
1/2" CTS	1"	0.062" 0.090"	GOLD STEEL
1" CTS	1"	0.090" 0.100"	STEEL GOLD
1/2" IPS	1"	0.090"	STEEL
3/4" IPS	1"	0.095"	STEEL
1" IPS	3/4"	0.119"	STEEL
1 1/4" IPS	1 1/4"	0.151" 0.166"	STEEL BLACK
1 1/2" IPS	1 1/4"	0.173"	STEEL
2" IPS	1 1/4"	0.216"	STEEL

NOTE: .100" is used for .098" - .102" Wall Thicknesses

Working Pressure = 125 PSIG

- ⚠ LINER REQUIRED FOR CONFORMANCE WITH NFPA 58
- ⚠ DESIGNATED BY LETTER “L” IN PART NUMBER EX: XR-10B-12-36-L-ZDC
- ⚠ FOR **OUTDOOR** USE ONLY!!
- ⚠ Penetrations through Concrete Slabs Must be sleeved.



How to Install
the X-Riser®