HYDRAPRO

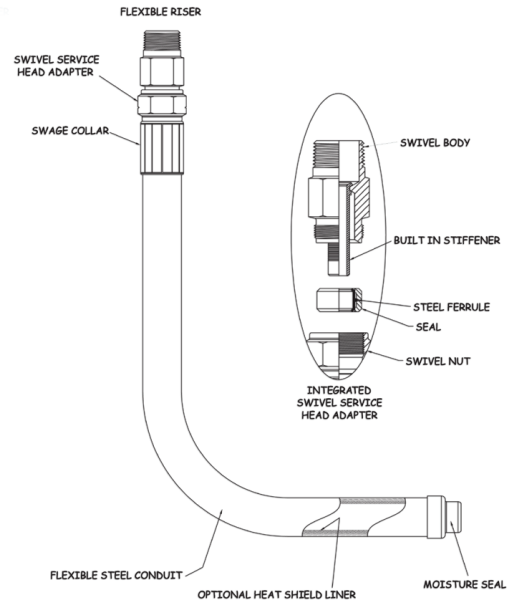
SPEC SHEET: **CFXRLP.0720** EFFECTIVE: **7.16.20**

SPECIFICATION SUBMITTAL SHEET

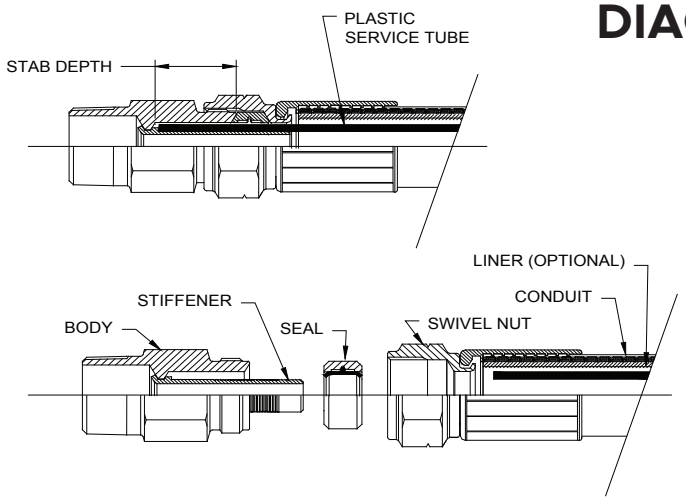
CHICAGO FITTINGS | X-RISER® FOR LIQUID PROPANE

Model #	Description (Size)	SDR	Conduit Length	Master Carton Qty	MAKE SELECTION BELOW
FLEXIBLE ANODELESS RISER - LIQUID PROPANE with HEAT SHIELD / LINER					
XR-10B-8-36-L-ZDC	1/2" CTS (.090 WALL) x 1/2" MPT	7	36"	20	☐
XR-10B-8-72-L-ZDC	1/2" CTS (.090 WALL) x 1/2" MPT	7	72"	20	☐
XR-10B-12-36-L-ZDC	1/2" CTS (.090 WALL) x 3/4" MPT	7	36"	20	☐
XR-10B-12-72-L-ZDC	1/2" CTS (.090 WALL) x 3/4" MPT	7	72"	20	☐
XR-10B-12-96-L-ZDC	1/2" CTS (.090 WALL) x 3/4" MPT	7	96"	20	☐
XR-17C-12-36-L-ZDC	3/4" IPS (.095 WALL) x 3/4" MPT	11	36"	10	☐
XR-17C-12-72-L-ZDC	3/4" IPS (.095 WALL) x 3/4" MPT	11	72"	10	☐
XR-17C-12-96-L-ZDC	3/4" IPS (.095 WALL) x 3/4" MPT	11	96"	10	☐

DETAIL VIEW



INSTALLATION DIAGRAM



⚠ FOR **OUTDOOR USE** ONLY.

⚠ PENETRATIONS THROUGH CONCRETE SLABS MUST BE SLEEVED.

JOB NAME:

JOB LOCATION:

CONTRACTOR: **DATE:** **ITEM TAG:**

ENGINEER APPROVAL: **DATE:** **PART NUMBER:**

www.hydrapro.biz | (800) 849-4844 | Fax (877) 249-8435

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CHICAGO FITTINGS | X-RISER® FOR LIQUID PROPANE

- No underground joints
- No chamfering
- Bi-directional seal can't be installed improperly
- No torque requirements
- Integral barbed stiffeners are permanent for additional pull out resistance

MATERIAL DEFINITIONS

3.1 Bodies	3.1.1	Tubing AISI C1013
	3.1.2	Bar AISI C12L14, C1213, C1215
	3.1.3	Bar CDA836 85-5-5-5 Bronze
	3.1.4	Bar CDA360 Free Machining Brass
3.2 Nuts	3.2.1	Tubing AISI C1013
	3.2.2	Bar AISI C12L14, C1213, C1215
	3.2.3	Bar CDA836 85-5-5-5 Bronze
	3.2.4	Bar CDA360 Free Machining Brass
3.3 Seals	3.3.1	Seals shall be manufactured from a Buna-N compound material that will resist deterioration from age or air under normal storage conditions. The seal will resist deterioration from impurities normally found in natural gas or LP gas including odorants, liquid hydrocarbons, carbon dioxide and water. The compound shall meet the following specifications: Color: Black/Red Durometer: 75 +/-5 Elongation: 150% Tensile Strength: 1,500 psi min.
3.4 Ferrules	3.4.1	Cold Rolled Strip C1050
3.5 Insulators	3.5.1	Zytel 105
3.6 Conduit	3.6.1	Core Material: Hot Dipped Galvanized Steel
	3.6.2	Jacket Wall: Liquid Tight, Sunlight Resistant
	3.6.3	Crush Resistance: 1,200psi min. in accordance with UL 360
3.7 Casing	3.6.1	Pipe/Tubing ASTM A53, ASTM A513
3.8 Moisture Seals	3.7.1	Hot Dipped Vinyl

INSTALLATION PROCEDURE

1. Remove body and install body into meter valve, regulator or piping system First.
2. Insert plastic service tube thru the riser assembly and extend the plastic a minimum of 5" past the end of swivel nut.
3. 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.
4. Mark tubing to stab depth (SEE CHART) with felt tip pen or suitable marker. Make sure not to scratch surface of plastic tubing with marker.
5. Slip seal over plastic service tube and slide seal into the swivel nut.
6. Stab plastic up into body until end of body is flush to within a 1/8" of the mark.
7. Push swivel nut towards body threads and engage threads. Tighten swivel nut and body until fitting becomes iron bound, that is, "metal to metal".