INSTALLATION INSTRUCTION 0001-0616-999

Style 700 POSI-HOLD
Universal Couplings and Fittings
For 3, 4, 6 and 8" PE to PE, PE to Steel and Steel to Steel Pipe
For use on Polyethylene Pipe as listed in ASTM D2513

1. When steel pipe is being used, clean pipe end to bare metal; free of dirt, mill scale, grease, oil, lacquer, etc. When polyethylene pipe is being used, clean pipe end free of dirt, grease and oil and insure there are no gouges or longitudinal scratches that are located in the sealing area of the pipe end.

2. Steel pipe - For wall thicknesses less than .188" consult Dresser for recommendation.

3. Mark each pipe with a mark located 3-5/8" from the pipe end for 3", 4" & 6" sizes, and 4-7/8" for the 8" size.

4. Check inside of coupling or fitting before installing on pipe ends to ensure that the gaskets and grip rings are in position and interior is clean and free of dirt, oil, grease, etc.

5. When polyethylene pipe is being used, install the proper Dresser insert. Before installing check markings on insert to assure it is for same SDR as the pipe.

6. Lubricate pipe end and all exposed gasket surfaces with soapy water or a non-petroleum lubricant. Anti-freeze may be added to soapy water in freezing weather.

7. Install coupling or fitting on pipe end and align square with pipe. Position end at the mark on pipe end. (Step 3)

8. Remove plastic plug using the bayonet fork and check bayonet pin. (See Caution Note "A")

9. Assemble bayonet by inserting bayonet foot into the body and turning handle 1/4 turn in clockwise direction. Tighten knurled wheel on bayonet in clockwise direction until hand tight.

10. Close by-pass valve on pump and operate pump until recommended pump gauge pressure has been maintained for a minimum of 1/2 minute.

11. Release the by-pass valve at the pump relieving the pressure in the hose and bayonet.

12. Turn the knurled wheel in counterclockwise direction until connection is loose. Now turn bayonet handle 1/4 turn in counterclockwise direction and remove the bayonet foot.

13. Wipe off the excess fluid and replace the plug.

14. Lubricate other pipe end with soapy water and install proper pipe insert when polyethylene pipe is used.

15. Stab pipe end until it contacts the other pipe end. If steel to steel pipe is to be joined, withdraw pipe end 1/2" minimum to allow for deflection or expansion and contraction. Pipe end may be withdrawn until the pipe location mark outlined in Step No. 3 is even with the end of the coupling.

16. Repeat installation Step No. 8 through Step No. 13.

17. Apply corrosive protection to coupling or fitting if required. (Do not box coat with hot enamel coating.)

CAUTION:
(A) Check bayonet pin projection to ensure a minimum of 1/4" is obtained. (Improper pin projection may result in insufficient pump pressure & will be recognized by a sudden & rapid increase of gauge pressure).

(B) All connections, including Quick Connects on pump, hoses, or equipment, must be properly tightened at all times to prevent leakage of fluid or introduction of air into the hydraulic system.

(C) Safety glasses are recommended at all times during installation of the coupling or fitting.

Recommended Pump Gauge Pressure
3" - 7,500 PSI
4" - 6,500 PSI
6" - 5,500 PSI
8" - 5,000 PSI
Recommended pump pressure must be maintained for a minimum of 1/2 minute to assure maximum sealability. (See Caution Note "A")
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For use on Polyethylene Pipe as listed in ASTM D2513

#### Product Ratings for couplings with same diameter on both ends

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>NOM. O.D.</th>
<th>Max. Sealing Pressure PSI*</th>
<th>Max. Steel Pipe Pullout Resistance</th>
<th>PE pipe pullout resistance up to the Max. wall listed in table meets or exceeds the requirements specified in DOT 192.283(b). Note 1&amp;2</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>3.500</td>
<td>150</td>
<td>13000 lbs.</td>
<td>Type 2306/2406 SDR 9.3</td>
</tr>
<tr>
<td>4&quot;</td>
<td>4.500</td>
<td>150</td>
<td>14000 lbs.</td>
<td>SDR 9.3</td>
</tr>
<tr>
<td>6&quot;</td>
<td>6.625</td>
<td>150</td>
<td>22000 lbs.</td>
<td>SDR 11</td>
</tr>
<tr>
<td>8&quot;</td>
<td>8.625</td>
<td>150</td>
<td>37000 lbs.</td>
<td>SDR 11</td>
</tr>
</tbody>
</table>

*Unless noted on body.

Note 1- For wall thickness greater than SDR listed, contact Dresser for recommendation.

Note 2- Pullout resistance is based on using Dresser reinforcing pipe inserts.