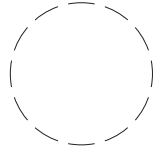


## INSTALLATION INSTRUCTION 0001-0623-999



### Style 711 Insulating Reducing Couplings

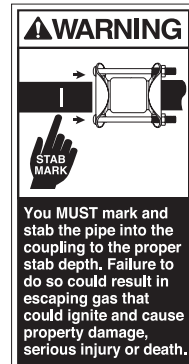
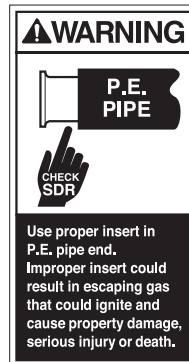
For Cast Iron to Polyethylene\* Pipe and Cast Iron to Steel Pipe

- Clean metal pipe end(s) removing oil, dirt, loose scale, and rust; gasket should seat on bare metal. Pipe ends must be cut square and polyethylene pipe must be free of dirt, longitudinal scratches, grooves and burrs.
- On all P. E. pipe ends, the recommended insert stiffener must be installed. Before inserting in pipe end, each insert should be checked to ensure that the SDR indicated on the insert branding corresponds to the SDR of the pipe being used.
- Install proper insert in the P.E. pipe end.
- For proper pipe insertion in coupling, mark each pipe as shown in chart at right.
- Remove plastic spacer ring from inside the coupling.
- Check inside of coupling to assure gaskets and grip rings are free of dirt or foreign matter.
- After gaskets are clean, apply soap water to gaskets and pipe ends (anti-freeze should be added in freezing weather).
- Without disassembling, stab coupling completely onto IPS pipe.
- While holding plastic spacer ring between pipes, slide the coupling back over CIP pipe end and align with marks on pipes. Pipe end gap shall be approximately 2".
- Tighten nuts in a crisscross pattern. Apply only one or two turns at a time until all nuts have a uniform tightness to 80 ft. lbs. torque minimum.
- Should field coating be desired, do not box coat with hot enamel coating.

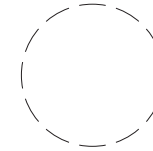
\*Polyethylene Pipe as listed in ASTM-D2513

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Pipe Size (OD)	Distance From Pipe End
3.80 - 7.10"	4"
8.625 - 9.30"	5"



## INSTALLATION INSTRUCTION 0001-0623-999



### Style 711 Insulating Reducing Couplings

For Cast Iron to Polyethylene\* Pipe and Cast Iron to Steel Pipe

#### Product Rating for restraining couplings with same pipe diameter on both ends.

CIP Pipe Size OD	IPS Pipe Size O.D.	Max. Sealing Pressure (Notes 3&4)	Max. CIP/Steel Pipe Pullout Resistance	Polyethylene Pipe* Pullout Resistance up to Max. wall listed in table meets or exceeds the requirements as specified in DOT 192.283 (b). (See Notes 1&2)	
				Type 2306/2406	Type 3406/3408
3.80	3.50	50 PSI	13000 lbs.	SDR 9.3	SDR 9.3
3.96	3.50	50 PSI	13000 lbs.	SDR 9.3	SDR 9.3
4.80	4.50	50 PSI	14000 lbs.	SDR 9.3	SDR 9.3
5.00	4.50	50 PSI	14000 lbs.	SDR 9.3	SDR 9.3
6.90	4.50	50 PSI	22000 lbs.	SDR 11	SDR 11
7.10	6.625	50 PSI	22000 lbs.	SDR 11	SDR 11
9.05	8.625	50 PSI	37300 lbs.	SDR 11	SDR 11
9.30	8.625	50 PSI	37300 lbs.	SDR 11	SDR 11

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

Note 2 - Pullout resistance is based on using reinforcing pipe inserts that conform to Dresser specifications.

Note 3 - Unless noted on body.

Note 4 - For reducing sizes, the rating for the smallest diameter end applies. All sizes of reducing couplings are rated to 150 psig max.

\*Polyethylene Pipe as listed in ASTM-D2513



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### CAUTION!

Never reuse this coupling for making a joint in accordance with D.O.T. Title 49 Part 192, Subpart F, Paragraphs 192.273(b), 192.283(b), & 192.285 unless grip ring, backup ring, gasket, bolts, nuts, and followers have been replaced OR the installer has determined these components have not been damaged in any way, are in new condition, and an applicable joining procedure is used.

When used for test purposes only, the installer shall determine conformance with Part 192 Subpart J, Paragraph 192.515(a).

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