

INSTALLATION INSTRUCTION 0001-0813-999

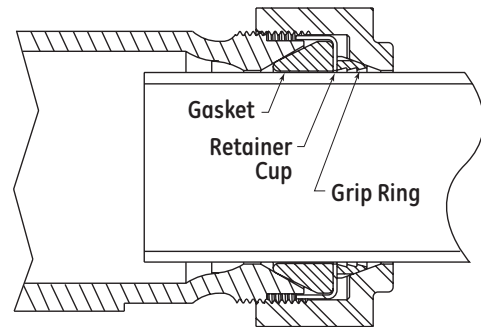
Style 175 Meter/Curb Valves

With Style 90 Universal Compression Ends for P.E. and Steel Connections

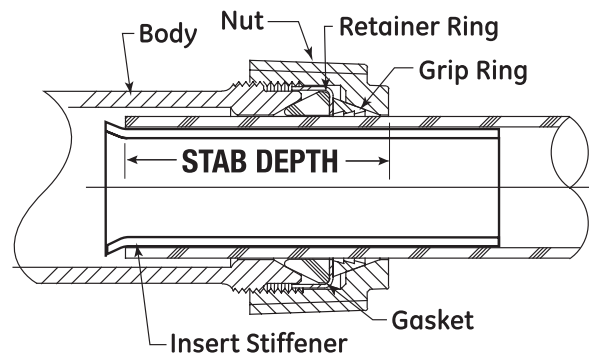
(See reverse side for FIPS end)

1. Clean steel pipe ends to bare metal removing oil, dirt, loose scale, and rust. Polyethylene pipe must be free of dirt, longitudinal scratches, grooves and burrs for a distance of 5".
2. On all P. E. pipe ends, the recommended Dresser insert stiffener must be installed. Before inserting in pipe end, each insert should be checked to ensure that the SDR indicated on the branding corresponds to the SDR of the pipe being used.
3. Loosen nut about 1/4 turn to relieve gasket pressure (DO NOT DISASSEMBLE). Check inside of the fitting to assure gasket and grip ring are loose and free of dirt or foreign matter.
4. Apply soap-water to the gaskets, only necessary when installing on steel pipe, but also acceptable on plastic pipe (anti-freeze may be added in freezing weather).
5. Mark each pipe a minimum of 2" from pipe end (add 1/4" additional stab depth for Plastisol coated fittings). Stab the pipe end into the fitting or coupling until the mark on the pipe is even with the edge of the nut or inside the nut. The insert stiffener must extend beyond the nut as shown in the illustration above.
6. Tighten nut(s) independently while holding the body from rotating with a 100 lb. minimum pull on the recommended wrench size as shown in the chart at right.

Style 90 Universal Compression End



For use on Steel Pipe connections



For use on PE Pipe connections

Nominal Pipe Size (ID)	Wrench Size (in)
3/4"	14
1"	18
1-1/4"	18
1-1/2"	24
2"	24

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Part No. 0001-0813-999
10.2018

Style 175 Meter/Curb Valves

With Style 90 Universal Compression Ends for P.E. and Steel Connections

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

For reducing sizes the rating for the smallest diameter applies

Pipe Size Nom.	Pipe Size O.D.	Max. Sealing Pressure*	Max. 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). Note 1	
				Type 2306	Type 3406/3408
3/4"	1.050	150 PSI	1300 lbs.	SDR 11	Schedule 40
1"	1.315	150 PSI	2100 lbs.	SDR 11	SDR 9.3
1-1/4"	1.660	150 PSI	3200 lbs.	SDR 10	SDR 9.3
1-1/2"	1.900	150 PSI	3700 lbs.	SDR 11	SDR 11
2"	2.375	150 PSI	6600 lbs.	SDR 9.3	SDR 9.3

NOTE 1 - Pullout resistance is based on using Dresser reinforcing pipe inserts.

*NOTE 2 - Unless noted on body.

Style 175 Meter/Curb Valves

With FIPS Ends

1. Clean and lubricate pipe end threads.
2. When tightening valve on pipe, or pipe into threads, the wrench should be located on the same hex end of the body that the pipe is being installed.
3. Valve requires no re-lubrication in the field.
4. See chart at right for recommended installation torque for threaded end valves.

Nominal Pipe Size (ID)	Recommended Torque
3/4"	80 ft.lbs.
1"	80 ft.lbs.
1-1/4"	120 ft.lbs.
1-1/2"	129 ft.lbs.
2"	135 ft.lbs.

These values are for maximum wall thickness of Schedule 80 pipe



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