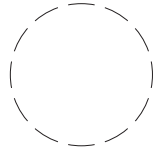


INSTALLATION INSTRUCTIONS



NOTE: THIS PRODUCT PROVIDES A PRESSURE SEAL ONLY!

Styles 38, 40, 56, 62, 69, 71, 72, 76, 89, 128, 168

- 1.) Clean all dirt, rust, oil or loose scale from pipe end. Check surfaces where gasket contacts the pipe to ensure there are no imperfections such as gouges or grooves that will impair the performance of the gasket seal.
- 2.) For couplings, measure back on each pipe end one-half of the middle ring length plus two inches and place a chalk mark. These marks are used for centering the coupling over the joint to be coupled.
- 3.) Slide follower(s) over the pipe end(s).
- 4.) Wipe gaskets clean and lubricate each gasket, pipe O.D. and middle ring flares with soapy water or non-petroleum base lubricant. (Antifreeze should be added in freezing weather).
- 5.) Slide gaskets over each pipe end and assemble the middle ring on one pipe end.
- 6.) Stab other pipe end into middle ring and center coupling between chalk marks. Pipe end must be past the end of gasket a minimum of one inch after deflection has occurred.
- 7.) Install bolts and hex nuts and draw up finger tight.
- 8.) Tighten nuts on opposite sides drawing up the followers evenly until all nuts have been tightened to the recommended torque below:

3/8" & 1/2" Bolts	35 Ft. Lbs.
5/8" Bolts	75 Ft. Lbs.
3/4" Bolts	90 Ft. Lbs.

Check torque on all nuts prior to backfilling.

WARNING

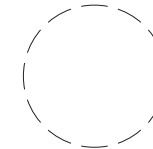
When pipe pullout could occur, pipe joint MUST be anchored. Failure to anchor pipe joint could result in escaping line content and cause property damage, serious injury or death.

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INSTALLATION INSTRUCTIONS

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SEE REVERSE SIDE FOR Installation Instructions

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RECOMMENDED LAYING DEFLECTION PER COUPLING

PIPE SIZE RANGE	MIDDLE RING LENGTH		
	5"	7"	10"
1/2" Thru 2" O.D.	6°	6°	--
ABOVE 2" Thru 14" O.D.	4°	4°	4°
ABOVE 14" Thru 30" O.D.	2°	4°	4°
ABOVE 30" Thru 37" O.D.	1-1/2°	3°	3-1/2°
ABOVE 37" Thru 42" O.D.	--	2-1/2°	3-1/2°
ABOVE 42" Thru 54" O.D.	--	2°	3°
ABOVE 54" Thru 66" O.D.	--	--	2-1/2°
ABOVE 66" Thru 72" O.D.	--	--	2°

NOTE: For products using one gasket, reduce values in half.



**Piping Specialties
Dresser, Inc.**
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