



1696-2 BOLT COUPLING

INSTALLATION GUIDE



DISASSEMBLY IS NOT REQUIRED OR RECOMMENDED

1. Clean one foot from each end of the pipe ensuring that the pipe is free from defects, dirt, labels, etc.
2. Lubricate the pipe where the coupling will sit with either potable, soapy water or another lubricant. Do not use grease.
3. Make sure the gasket is suited to the pipe OD. Slide the coupling over the respective pipe. If the gasket is unable to slide over pipe, make sure the pipe is beveled and use extra lubrication.

The 2 Bolt Coupling Working Range

Nominal Size	Overall Range	Inner Gasket Range	Outer Gasket Range	Maximum Pipe Gap	Maximum Total Misalignment
4"	4.46 – 5.63	4.46 – 5.03	4.97 – 5.63	4"	7°
6"	6.56 – 7.63	6.56 – 7.13	7.07 – 7.63	4"	7°
8"	8.54 – 9.84	8.54 – 9.17	9.13 – 9.84	4"	7°
10"	10.70 - 11.90	10.70 - 11.30	11.25 - 11.90	4"	7°
10" OS	11.00 - 12.25	11.00 - 11.65	11.60 - 12.25	4"	7°
12"	12.70 - 13.80	12.70 - 13.30	13.25 - 13.80	4"	7°
12" OS	13.15 - 14.40	13.15 - 13.80	13.75 - 14.40	4"	7°

4. Center the coupling over the two pipes. Ensure that the pipe gap and any angular deflection or misalignment do not exceed AWWA C-219 recommendations.
5. Tighten both bolts to 80 ft-lbs. (except on 4" only torque to 45 ft-lbs).
6. RE-TORQUE BOLTS AFTER THE LINE HAS BEEN PRESSURIZED



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