

INSTALLATION INSTRUCTIONS

2017 Edition

Please read these instructions carefully before installation, assembly or use of any product and keep this manual on hand for future use and reference.



GROOVED COUPLINGS

Gasket Installation - Preliminary Steps -



1. INSPECT PIPE ENDS: For optimum sealing by the gasket, the exterior surface of the pipe ends must be free from any indentations, projections, roll marks or other harmful surface defects such as loose paint, scale, dirt, chips, grease and rust.



2. CHECK GASKET: Verify the gasket supplied is correct for the intended service. Color code identifies gasket grade.

 Refer to page 36 for additional information on gaskets.

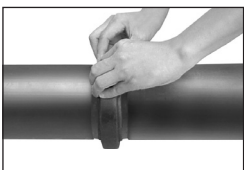


3. LUBRICATE GASKET: To help insert pipe smoothly and mount couplings smoothly without pinching, apply a thin layer of **Shurjoint** Lubricant to the sealing lips of the gasket and as well as to the exterior of the gasket. Other compatible lubricants may be used so long as they are not harmful to the gasket. System temperature should also be considered when selecting a lubricant. See page 38 for details.

Note: Lube-E gasket: Normally no lubricant is required when using a Lube-E gasket.



4. INSTALL GASKET: Install the gasket over one end of the pipe so that the pipe end is exposed. No part of the gasket should overhang this end of the pipe.

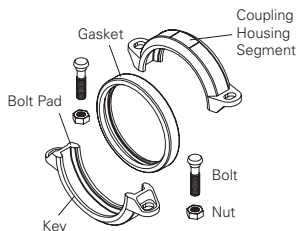


5. BRING THE MATING PIPE TOGETHER: Bring together and align the two pipe ends to be joined. Slide the gasket over the ends and center it between the grooves of the pipe to be joined. No part of the gasket should protrude into the groove of either pipe.

Models 7705, 7705H & 7707 Couplings

Please read these instructions carefully before installation.

1. Refer to page 50 for preliminary steps 1,2,3,4 & 5.



2. INSTALL COUPLING HALVES: Place the coupling halves over the gasket and make sure that the coupling keys are engaged into the grooves.

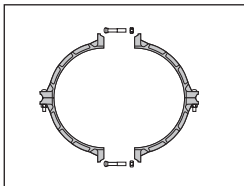


3. INSERT BOLT & NUT: Insert the remaining bolt and apply the nuts hand tight. Make sure that the oval neck of the bolt engages into the bolt hole of the housing.



4. TIGHTEN NUTS (For 3/4" to 12" Models 7705, 7707 Couplings and 14" to 26" Model 7707N Couplings): Tighten nuts alternately and equally until the bolt pads meet and make metal-to-metal contact. Tighten nuts by another one quarter to one half turn to make sure the bolts and nuts are snug and secure. The use of a torque wrench is not required.





5. LARGE DIAMETER COUPLING: (28" to 42" Model 7707L Couplings) Large diameter couplings over 14" consist of three to four housing segments. To prepare installation, preassemble the segments loosely into two or three equal halves depending on sizes. Install those assemblies over the gasket in the same manner as described above.



6. TIGHTEN NUTS: Tighten nuts alternately and equally until the bolt pads meet and make metal-to-metal contact. Tighten nuts by another one quarter to one half turn to make sure the bolts and nuts are snug and secure. The use of a torque wrench is not required.



⚠ CAUTION

1. Uneven tightening of bolts and nuts may cause the gasket to be pinched, resulting in an immediate or delayed leak.
2. Never exceed torque stated in the table on page 34. Excessive tightening of nuts may cause a bolt or joint failure.