

MODEL 3521 - 3526 FLANGED COUPLING ADAPTER

Quality Control Department SAFETY FIRST - Always use cave-in protection, gloves, sturdy works boots, and eye protection when tapping pipe.



GENERAL NOTES:

- Use cave-in protection during excavation and back-fill operations.
- Verify pipe O.D. to make sure that the correct Flanged Coupling Adapter is being installed.
- Keep bolt threads clean and free from nicks, dents or other damage.
- Pipe end must be clean and free of all oil, dirt, loose scale and rust.
- Lubrication of the gasket and o-ring with a soap solution reduces friction and more evenly distributes clamping force. For cold weather lubrication, ethylene glycol can be added to the soap solution to prevent freezing

OTHER INFO:

- **FOR SS BOLTS:** To avoid galling during installation, the threads **MUST BE KEPT CLEAN AND FREE FROM DAMAGE**. The fitting should not be thrown around or otherwise be abused, i.e. stored on truck without box, dropped from top of ditch, etc. A deep socket and ratchet wrench is recommended.
- **WARNING:** this product does not restrain axial pipe movement.
- To prevent coupling movement position pipe stop between the pipes and firmly tighten.



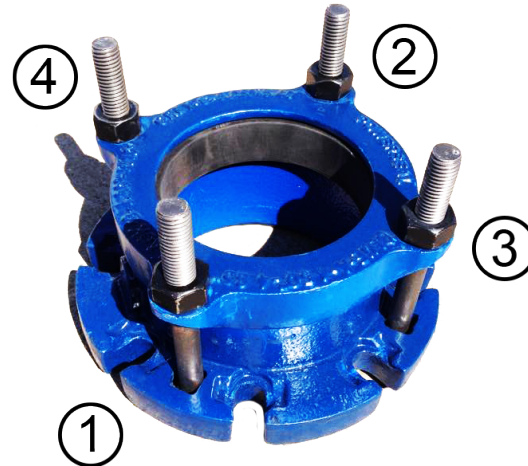
1 Lubricate flange o-ring and gasket and connect adapter flange to flanged pipe or fitting using T-bolts.



2 Thoroughly clean the pipe end where the adapter will be installed.



3 Lubricate pipe end and coupling gasket with a soapy solution.



1 Nuts must be tighten in the order shown in the image.



4 Hand tighten gland bolts and stab plain-end pipe into coupling.



5 Evenly tighten flange bolts in a radial pattern and proceed to evenly tighten gland bolts to the recommended torques.

RECOMMENDED TORQUE	
Bolt Diameter	Torque (ft-lb)
5/8"	50-70
3/4"	100

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Steps 4-6: Anchor Studs

(Dispositivo de retención opcional)

4



Remove Anchor Studs from adapter body. Note: Anchor Studs have 3/8 NPT threads.

5



Lubricate pipe end and gasket, and stab plain-end pipe into adapter. Using a soapstone or center punch, mark the pipe through the Anchor Stud holes. Note: Anchor Stud pin is 1/2 inch in diameter.

6



Expose pipe end and drill holes that will align with the Anchor Studs. Reposition adapter, orient holes, and loosely install entire assembly. After everything is properly positioned, tighten bolts per #3 above.

PRE-INSTALL CHECKLIST:

DID YOU:

- Clean pipe surface thoroughly? [Y] [N]
- Check O.D. of pipe with measuring tape? [Y] [N]
- Lubricate the Pipe with Dishwashing Soap? [Y] [N]
- Verify Proper Torque Required? [Y] [N]
- Bring the proper equipment required to support the valve during the tap? [Y] [N]

WARRANTY CHECKLIST (*):

- Date of Installation __/__/____
- Time of Installation _____ [AM] [PM]
- Was Pre-Tap Pressure Test completed to appropriate pressure level? [Y] [N]
- What Pressure was it tested to? ____ psi
- (PowerSeal recommends torquing in 25 ft-lb increments) * Torque Applied: _____ ft-lbs
- Was standard re-torquing applied 5 minutes after reaching torque requirements? [Y] [N]
- Was an even gap between top and bottom shell maintained while torquing the nuts in sequence? [Y] [N]
- Was the Valve Supported During Installation? [Y] [N]

If so, with what was it supported by? _____

• Signature of On-Site Leadman: _____

*** Must be completed on day of installation to Validate Warranty**