

## MODEL 3520 Transition Cutting-In Sleeve

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 Cutting-In Sleeve 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.
- Gaskets have a design allowance to fit a variety of outside diameters and may appear loose on some classes of pipe prior to tightening bolts. However, this cutting-in sleeve will affect a seal on any pipe within the given O.D. Range.
- Lubrication of the coupling gasket and MJ gasket 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.

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



1 Lubricate MJ gasket and connect the MJ adapter to MJ Valve or fitting.



2 Thoroughly clean the pipe end where the cutting-In sleeve will be installed.



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



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 MJ bolts in a radial pattern and then proceed to evenly tighten gland bolts to the suggested torques.

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**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-torqueing 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**