INSTALLATION SHEET - TAPPING SLEEVE

MODEL 3495AS, 3495CS Tapping Sleeve with Threaded Outlet

PowerSeal PIPELINE PRODUCTS CORPORATION

Quality control department **SAFETY FIRST** - Always use cave in protection, gloves, sturdy work boots and eye protection when tapping pipe

GENERAL NOTES:

- Use cave-in protection during excavation and backfill operations.
- Verify Pipe O.D. to make certain that the correct tapping sleeve is being installed.
- Keep bolt threads clean and free from nicks, dents or other damage.
- If conditions permit, mark the pipe for a reference point to properly position the tapping sleeve.
- Before start, the installer shall determine the suitability of the product for his intended use and the installer assumes all risk and liability for the application of the product.

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.
- All PowerSeal stainless steel tapping sleeves are hydrostatically tested at the factory to qualify welds and proper forming, but field testing is required to assure sound installation.
- When certain that all seals are leak tight, proceed with the tapping operation.

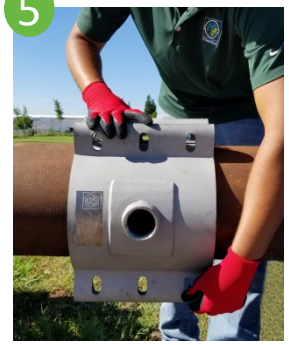
1

Thoroughly clean the pipe so surface is smooth and free of dirt and other debris.

2

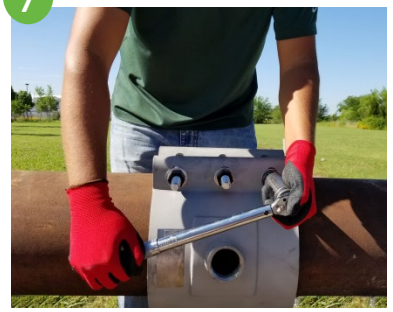
Check the main outside diameter (OD) and confirm that it falls within the tapping sleeve pipe OD range.

5



Position back half of sleeve behind the outlet half aligning bolt holes.

7



Begin tightening bolts in sequence, beginning at the ends of the sleeve and alternating on both sides. The gap between the two halves must be of equal distance when sleeve is fully tightened. Torque according to the specifications. Wait approximately 5 minutes to allow the gasket to fully compress and then re-tighten bolts.

3

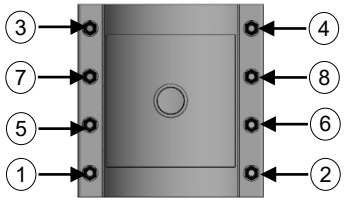
Loosen bolts and nuts. Lubricate pipe and O-Ring gasket with soap/water solution. Do not use grease or pipe lubricant.

4

Position the outlet half of sleeve on pipe making sure is properly aligned with the line to be connected.

6

Install bolts, washers and nuts. Tighten maintaining an even gap distance between the bolt lugs on both sides of the sleeve.



RECOMMENDED TORQUE	
Bolt Diameter	Torque (ft-lb)
5/8”	70-100
3/4”	100-140
1”	140-200