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PowerSeal PS 3425 All Stainless Steel Repair Clamp Installation Guide

(For Copper (CTS), Steel and PVC (IPS) Pipe)

1. Check pipe diameter to insure that correct repair clamp is being installed.
2. Thoroughly clean the pipe so surface is smooth and free of dirt and other debris.
3. Lubricate the pipe and gasket with a light soap/water solution for ease of centering the clamp on the leak. For cold weather lubrication, ethylene glycol can be added to the soap to prevent freezing.
4. Loosen nuts until flush with top of studs and place clamp around pipe.
5. Close lug fingers and studs together by pulling the washer bar upward and snap the lip over the finger base plate. Manually tighten nuts.
6. Locate clamp in desired position on leak.
7. Torque nuts 50 to 70 ft./lbs. to form a gasket seal. Do not over torque as it will not increase sealing ability and may cause plastic pipe failure.
8. If necessary to reposition, loosen nuts prior to moving clamp and then re-torque.



PowerSeal PS 3425 All S/S Repair Clamp Material Specifications

Panel & Lifter Bar:	Type 304 (18-8) Stainless Steel - 20 GA	ASTM A240
Gasket:	3/16" thick gridded NBR per ASTM D2000 from 100% new rubber to ensure performance under varying pressures with superior storage characteristics. Suitable for mild acids, water and salt media with a temperature range of -40 Deg F. to +180 Deg. F. sustained with bursts to +212 Deg. F.	ASTM D2000
Armor Plate:	Type 304 (18-8) Stainless Steel	ASTM A240
Bolts & Nuts:	Type 304 (18-8) Stainless Steel – Note: Hex nuts are furnished with fusion bonded coating to prevent seizing and galling.	ASTM A193 ASTM A194
Lugs:	Type 304 (18-8) Stainless Steel	ASTM A240
Washers:	Delrin	ASTM 6778
Working PSI	150 psi for Waterworks applications	N/A

GENERAL NOTES:

- Use cave-in protection during excavation and backfill operations.
- Verify Pipe O.D. to make certain that the correct clamp 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 clamp.
- Before start, the installer shall determine the suitability of the product for the 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 clamp should not be thrown around or otherwise abused, i.e. stored on truck without box dropped from top of ditch, etc. A deep socket and ratchet wrench is recommended.