

No Hub Couplings Installation Suggestions



Purpose:

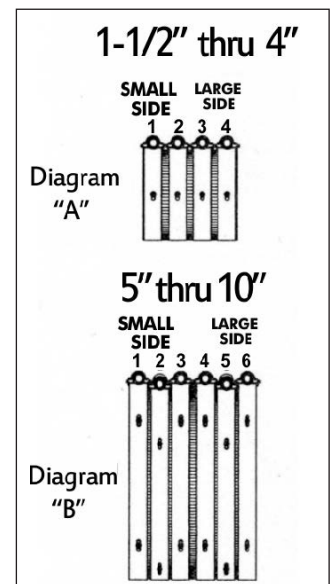
These suggestions provide guidelines for the use of PurePro® No-Hub Coupling for joining No-Hub® pipe and fitting in accordance with accepted industry standards and practices. All construction projects involve many variables. Governing codes, engineering criteria, and the conventions of the plumbing trade necessitate that judgment decisions must be a combination of design and “on the job” considerations. The following suggestions for joining No-Hub pipe and fittings with the PurePro No-Hub coupling are not definitive but it is hoped that they will be helpful.

MFR #	WEBB #	DESCRIPTION
PRO112CLAMP	765838	4 BND NH CLAMP 1-1/2"; 5/16" BND, BLUE
PRO2CLAMP	765839	4 BND NH CLAMP 2", 5/16" BND BLUE
PRO3CLAMP	765840	4 BND NH CLAMP 3" 5/16" BND BLUE
PRO4CLAMP	765841	4 BND NH CLAMP 4", 5/16" BND BLUE
PRO5CLAMP	765842	6 BND NH CLAMP 5", 5/16" BND BLUE
PRO6CLAMP	765843	6 BND NH CLAMP 6", 5/16" BND BLUE
PRO8CLAMP	765844	6 BND NH CLAMP 8", 5/16" BND BLUE
PRO10CLAMP	765837	6 BND NH CLAMP 10", 5/16" BND BLUE

Installation Instructions:

A properly calibrated torque wrench set at 80-inch pounds to accommodate the 5/16" hex head screw should always be used when installing No-Hub couplings. When power tools are used to install No-Hub couplings they should be adjusted or calibrated to torque only to 80-inch pounds.

- In order to provide a sound joint with field cut lengths of pipe, the ends should be cut square. Place the Neoprene gasket on the end of one pipe and the stainless-steel clamp assembly on the other end of the other pipe or fitting to be joined.
- Firmly seat both ends of the pipe/fittings against the internally molded shoulder in the center of the gasket.
- Slide the clamp assembly into position centered over the gasket.
- No-Hub couplings 1.5", 2", 3" and 4" are three inches wide and have four sealing bands. Tighten bands to 80-inch pounds in the following sequence. Starting on the side of the joint with the **smaller diameter** (see diagram “A”) torque as follows: 2,1 - 2,1 - 3,4 - 3,4 - 2,1 - 3,4.
- No-Hub couplings 5", 6", 8" and 10" are four inches wide and have six sealing bands. Tighten bands to 80-inch pounds in the following sequence. Starting on the side of the joint with the **smaller diameter**, (see diagram B) torque as follows: 3,2,1 - 3,2,1, - 4,5,6, - 4,5,6 - 2,1 - 4,5,6.
- Once the coupling is installed and torqued to 80-inch pounds in this torque pattern it is not necessary to go back and re-torque the couplings.



Bracing:

Horizontal pipe and fittings five inches and larger must be suitably braced to prevent horizontal movement. This must be done at every branch opening or change of direction by the use of braces, blocks, rodding or other suitable method, to prevent movement or joint separation. (Chapter IV, Handbook Cast Iron Soil Pipe Institute).

PurePro has intentionally color coated the 304 Stainless Steel Shield. PurePro performance, including its exceptional sealing ability, corrosion resistance, deflection and rigidity has not been compromised in any way.