

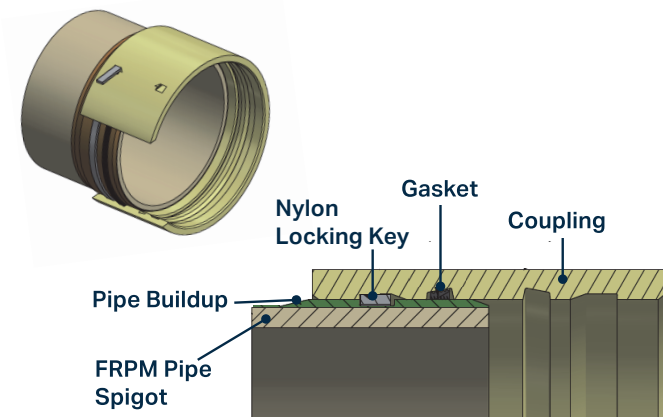


# FRP Restrained Coupling

Manufacturing pressure pipe since 1987, leverage our experience in design, testing and manufacturing for your next pressure pipeline project. Our pipe is Engineered to Endure™.

Hobas Pipe USA, Inc. offers mechanical restrained joints for pipes in 12" through 54" using a high strength nylon key locked between two FRP coupling grooves on the spigot and bell.

## FRP Restrained Coupling



All pipes are manufactured per ASTM D3754, D3517, D4161, AWWA C950 or M45 for pressure water and wastewater conveyance systems. All products are US made and supported.

**The maximum allowable field test is 1.5 x PN.**

**The maximum allowable surge is 1.4 x PN.**

**ASTM D3681** – Test Method for Chemical Resistance of Fiberglass (Glass Fiber Reinforced Thermosetting Resin) Pipe in a Deflected Condition.

**ASTM D2992** – Practice for Obtaining Hydrostatic or Pressure De-sign Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings.

Diameter (DN) in / mm	Pressure Class (PN*) PSI	Field Test Pressure (1.5 x PN)
12-18"/450	250	375
20"/500	250	375
24"/600	250	375
30"/760	250	375
36"/920	250	375
42"/1050	200	300
48"/1220	150	225
54"/1370	150	225

\* Higher PN classes and other diameters (DN) may be available. Contact Hobas' Engineering team for details.