
Installation Instructions: Compression-Couplings

Handling Couplings

- When handling the Coupling assembly, grasp either end with thumb on outer shell and fingers inside.
- Normally Coupling assemblies are shipped ready-to-use, Do Not disassemble.

Installation

- **Preparation**
 1. Check Coupling's code number to ensure proper type coupling is utilized on the installation.
 2. Check that coupling is clean and free of grease, dirt or other contaminants which would effect proper installation.
 3. Check Tube/Pipe to ensure no burrs or jagged edges are present as these will damage coupling's gasket.
 4. Clean outside Tube/Pipe surfaces to remove grease and dirt which could cause slippage of the coupling on the tube/pipe. Outer Tube/Pipe surface MUST be dry.
 5. Check that the Gasket and Gasket-protector (if present) are aligned such that their partings are aligned (clocked) approximately 30° on either side of sleeve flanges gap.
 6. Check that Gasket and Gasket-protector interlocking teeth are properly meshed with no over lapping edges.
- **Set-Up**
 1. Slide Coupling assembly over one end of Tube/Pipe until end is exposed.
 2. Bring Tube/Pipe end up to next Tube/Pipe so that ends are aligned and butt squarely with no apparent gap.
 3. Slide Coupling assembly over this joint until it is centered, ensuring that Gasket is not wrinkled, and that the complete assembly stays together as one unit. All Gasket, Gasketprotector and internal Coupling Sleeve surfaces must be in full contact prior to tightening bolts.
 4. If your installation requires the dissipation of static build-up, a Coupling Grounding Strap MUST be incorporated into the Coupling assemblies.

- **Tightening**

1. Proper Gasket/Sleeve seating requires bolts to be tightened in a gradual and uniform manner.
2. Gradually tighten bolts in an alternating fashion until the specified torque has been reached.

Bolt Size	Torque (Ft-lb)
5/16"	12
1/2"	45
5/8"	65
3/4"	95

Note: Where 5/8" Grade 5 Bolts are specified, torque to 95 ft-lb on Steel Coupling or 40 ft-lb on Aluminum Couplings with inner sleeve.