



INSTALLATION – COMPRESSION COUPLINGS

Handling:

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.

Preparation:

- Check Coupling's code number to ensure proper type coupling is utilized on the installation.
- Check that coupling is clean and free of grease, dirt or other contaminants which would effect proper installation.
- Check Tube/Pipe to ensure no burrs or jagged edges are present as these will damage coupling's gasket.
- 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.
- 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.
- Check that Gasket and Gasket-protector interlocking teeth are properly meshed with no overlapping edges.

Set-Up:

- Slide coupling assembly over one end of Tube/Pipe until end is exposed.
- Bring Tube/Pipe end up to next Tube/Pipe so that ends are aligned and butt squarely with no apparent gap.
- 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, Gasket-protector and internal Coupling Sleeve surfaces must be in full contact prior to tightening bolts.
- If your installation requires the dissipation of static build-up, a Coupling Grounding Strap MUST be incorporated into the Coupling assemblies.

Tightening Bolts:

- Proper Gasket/Sleeve seating requires bolts to be tightened in a gradual and uniform manner.
- Gradually tighten bolts in an alternating fashion, to ensure even clamping pressure across entire coupling, 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 when using Steel Couplings or 40 ft-lb when using Aluminum Couplings with Inner Sleeve.