

# METFLO™ COMPRESSION COUPLING

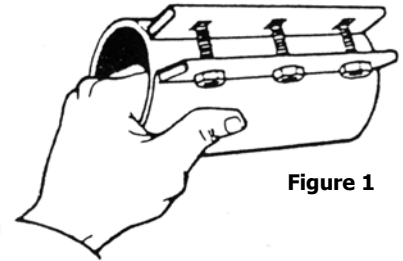
**IMPORTANT!**

## INSTALLATION INSTRUCTIONS

**IMPORTANT!**

### HOLDING THE COUPLING PROPERLY

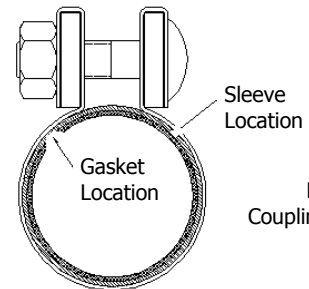
- To avoid slippage of the gasket, sleeve and gasket protector (when used), always hold coupling as shown in Figure 1.
- Couplings are shipped in ready-to-use condition and should not be disassembled.



**Figure 1**

### PREPARING FOR INSTALLATION

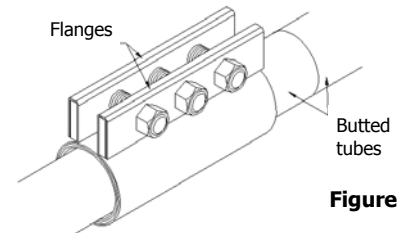
- Check code number for OD of pipe or tube you intend to join. Coupling has been factory-sized and inspected before shipping.
- Clean outside of tube to make it free of dirt and grease which can cause coupling slippage.
- Make sure tube is free of jagged ends and external burrs which could cut gaskets.
- Make sure outside surface of tube is dry.
- Make sure sleeve and gasket partings are in opposed positions (Figure 2).
- Be sure gasket teeth (and gasket protector teeth) mesh and do not overlap.



**Figure 2**  
Coupling Ready to Install

### ASSEMBLING TUBE AND COUPLING

- Slide coupling over one tube until end of that tube is exposed.
- Butt tube ends (Figure 3).
- Slide coupling back until it is centered over point where tubes are butted. Use care to avoid wrinkling, or overlapping gasket or gasket protector.
- When the potential for static build-up exists, a grounding strip *must be used*.

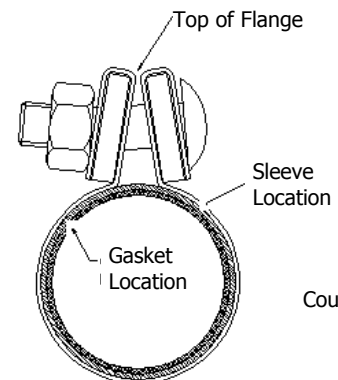


**Figure 3**

### TIGHTENING THE COUPLING

- To assure proper seating of inner sleeve and gasket, partially tighten bolts in a uniform manner.
- Tighten bolts evenly to torques shown in chart below.
- The assembly is completed when the coupling is evenly tightened to the recommended torque. The flanges should touch only at their top edges (Figure 4).

Bolt Size	Ft. Lbs. Torque
5/16	12
1/2	45
5/8	65
3/4	95



**Figure 4**  
Coupling Fully Tightened

- Where SAE GR 5 5/8" bolts are specified, tighten to 95 ft. lbs. (For couplings with aluminum shell and inner sleeve do not exceed 40 ft. lbs.)

