1. Clean pipe ends, removing oil, dirt, loose scale and rust; gaskets should seat on bare metal.

2. For the purpose of centering coupling, each pipe shall be marked an equal distance from pipe end. This should be a minimum of one-half the middle ring (body) length plus two inches.

3. Wipe clean both rubber gaskets, pipe-end separator and insulating sleeve.

4. Place one follower and one insulating gasket on each pipe end.

5. Place body with insulating sleeve and pipe separator on pipe end. Position the pipes, keeping pipe-end separator between pipe ends. Center middle ring (body) between the marks. (See Step #2)

6. Lubricate gaskets, pipe O.D. and body flares by applying soap water (anti-freeze should be added in freezing weather).

7. Move follower rings and gaskets on each end of coupling into contact with body, and line-up bolt holes.

8. Insert bolts and tighten nuts, applying one or two turns at a time, proceeding from bolt to bolt uniformly until all bolts are tightened to the recommended torque shown on chart at right.

### MINIMUM TORQUE RECOMMENDATIONS

<table>
<thead>
<tr>
<th>Coupling Size Nom.</th>
<th>BOLT Diameter</th>
<th>BOLT Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 thru 1-1/2&quot;</td>
<td>1/2&quot;</td>
<td>35 Ft. Lbs.</td>
</tr>
<tr>
<td>2&quot; and Larger</td>
<td>5/8&quot;</td>
<td>75 Ft. Lbs.</td>
</tr>
</tbody>
</table>

**WARNING**

When pipe pullout could occur, proper anchoring of the pipe joint is required.

**ON NATURAL GAS PIPING:**
Failure to anchor could result in escaping gas that could ignite and cause property damage, serious injury or death.

**ON OTHER THAN NATURAL GAS PIPING:**
Failure to anchor could result in escaping line content and cause property damage, serious injury or death.