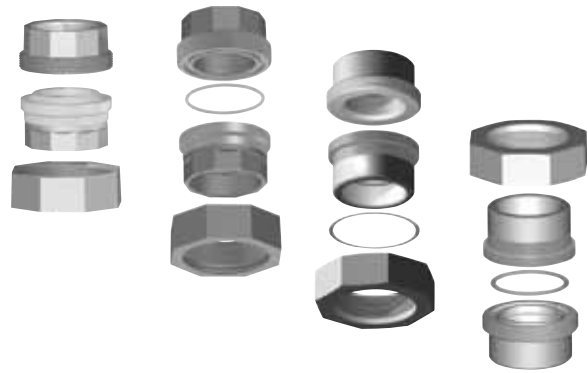


## Meter Connection Products: Insulating Unions

The first of its kind, our insulated union incorporates a permanently molded and bonded material that allows the union to act as an interruption point in the metallic or conductive path between a pipeline and its associated plant and/or equipment while still providing a serviceable connection. Still recognized as an industry standard, Georg Fischer Central Plastics continues to offer ground-joint and o-ring type insulating unions as well as non-insulated unions.



### Features: 150# and 3000# O-Ring Flat Faced Type Insulating Unions

- Confined O-Ring Seal – Allows union to be reused. Little torque required to make gas tight seal, yet permits extremely high compression.
- Brass Ring on 3000# Union serves as a bearing surface for the nut, eliminating undue wear or binding on nylon insulation when making-up.
- 150# Nut and Body made of high-test malleable iron conforming to ASTM A197
- 3000# Nut and Body made of forged steel conforming to ASTM A105
- Extra Heavy Shoulder – On tail piece, increases strength to withstand pipe strains, vibrations, misaligned connections and wrench abuse.
- Integral One-Piece Construction – Insulation is molded to metal body. No loose parts to assemble, or lose during field installation.
- Precision Threading – Tight tolerances achieved by expert machining. Meets ANSI B1.1 and B1.20.1
- Available octagon nut.
- Hammer lug available on request

### Features: 150# and 3000# Ground Joint Insulating Unions

- Ground Joint – Extra-wide seating surface
- Precise Mating Tapers – High compression, gas-tight seal that will not loosen under strain or vibration.
- 150# Nut and Body made of high-test malleable iron and conforms to ASTM A197
- 3000# Nut and Body made of forged steel conforming to ASTM A105
- Extra Heavy Shoulder – On swivel end and nut, increases strength to withstand pipe strains, vibration, misaligned connections and wrench abuse.
- Integral One-Piece Construction – Insulation is molded to metal body. No loose parts to assemble, or lose during field installation.
- Precision Threading – Tight tolerances achieved by expert machining. Meets ANSI B1.1 and B1.20.1.
- Molded Nylon – Able to withstand extreme shock loads and impact without fracturing. Chemically unaffected by most substances including gas, water, ammonia, petroleum oils and greases at temperatures as high as 250°F. Additional protection against shorts caused by bridging of foreign material provided by a return of nylon on the internal surface. Dielectric strength far beyond the toughest requirements.