

Risers and Transitions: Brass and Stainless Transition Fittings

The Georg Fischer Central Plastics line of Stainless and Brass Transition Fittings follow the same quality criteria as the standard carbon steel transition fittings. These fittings are designed to meet the rigorous demands of the municipal and industrial marketplace. All Brass & Stainless Transitions are tested to meet or exceed ASTM D2513 Category 1 and ASTM F1973. This testing ensures that the Steel to PE or the Brass to PE joint is many times stronger than the PE pipe onto which it is connected.

Transition Features

- PE to Steel transition joint is many times stronger than the PE pipe.
- Compression design effectively resists pullout.
- No-weld design on brass and stainless transitions.
- Minimum shear points.
- Meets all requirements for a true Category 1 mechanical joint.
- Brass transition is tested to AWWA C906 requirements

Available Options

- Transition Types
 - Threaded Stainless Steel (¾"–2")
 - Threaded Brass (¾"–2")

Testing and Compliance

All GF Central Plastics transition fittings meet or exceed the following applicable standards and are subjected to an extensive testing program to ensure consistent performance in the field that is safe, robust and reliable.

Applicable Testing

- Sustained Pressure Test per ASTM D1598
- ASTM D2513 Category I
- Temperature Cycling Test
- Leak Test per ASTM E515
- Tensile Pull Test per ASTM D638
- Constant Tensile Load Test per ASTM F1588
- Minimum Hydrostatic Burst Pressure³ Test per ASTM D1599

