For Installations
Requiring a Shielded
Transition Coupling that
Joins Similar and
Dissimilar Pipe Sizes
and Pipe Materials

Used to Join - CP Series couplings are used to join cast iron, plastic or steel to plastic or steel for CP 150, CP 200 & CP 215; and cast iron to plastic, steel or extra-heavy cast iron in remaining products.

Mission's Band-Seal® Specialty Coupling is a shielded transition coupling designed to connect similar and dissimilar pipe sizes and materials. Coupling consists of two (2) or four (4) 301 series stainless steel worm drive clamps, a 300 series stainless steel shield over a molded one-piece elastomeric sealing gasket. CP Series couplings are available in sizes 1½” to 10”. 1½” to 4” sizes utilize two (2) clamps; 5” to 10” sizes utilize four (4) clamps.

Leak-Proof Seal - Stainless steel clamps provide a positive seal when properly tightened to 60 in/lbs. of torque. Sealing “O” Rings are installed under each sealing clamp to prevent pipe slippage and create a more positive seal, ensuring a water-tight, leak-proof and root-proof seal.

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CLAMP DETAILS

MISSION REFERENCE CP SERIES

SIZES ¾” THROUGH 4” - 2 BANDS
SIZES 5” THROUGH 12” - 4 BANDS

SP DEEEDIOMSNS SEALING GASKET PROGRAMS

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<thead>
<tr>
<th>SHIELD DIMENSIONS</th>
<th>SEALING GASKET DIMENSIONS</th>
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<td>L</td>
<td>W</td>
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<tr>
<td>CP 150</td>
<td>7.75</td>
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<tr>
<td>CP 200</td>
<td>9.38</td>
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<td>CP 215</td>
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<td>CP 1010</td>
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Corrosion Resistant - 300 series stainless steel components provide highly effective corrosion resistance in a variety of environments.

Joint Movement Restraint - The Band-Seal® Specialty Coupling provides for superior load bearing control between the coupling and pipe surface. The coupling’s rugged construction provides excellent sealing properties, and the stainless steel shield offers excellent resistance to shear forces and helps with alignment, while maintaining flexibility.

Internal Pipe Stop - For proper pipe positioning and noise/vibration reduction. Pre-Set Calibration - All Band-Seal® Specialty Couplings are designed to be installed with a pre-set torque wrench calibrated to 60 in/lbs. maximum to accommodate the 305 series stainless steel ⁵⁄₁₆” hex head screw.

**Mission’s Band-Seal® Specialty Coupling**

- **Performance Couplings for Similar and Dissimilar Pipe Sizes and Materials**
- **PROJECT _____________________________**
- **ENGINEER __________________________**
- **CONTRACTOR __________________________**

- **MEETS:**
  - ASTM C 1460
  - ASTM C 564
  - ASTM A240/A240M
  - CSA B602
  - UPC 0743

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