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MEETs:
ASTM C 1460
ASTM C 564
ASTM A240/A240M
CSA B602
UPC 0743

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

Used to Join - P Series couplings are used to join plastic, steel or copper to plastic, steel or copper for P 075, P 100 and P 175; and plastic or steel to cast iron or plastic for P 2250; and plastic or steel to plastic or steel for P 250 and P 3250; and plastic, steel or extra-heavy cast iron to plastic, steel or extra-heavy cast iron for P 300, P 400, P 430, P 500, P 600, P 800, P 1000 and P 1200; and plastic, steel or extra-heavy cast iron to cast iron, plastic or steel for P 315.

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. P Series couplings are available in sizes ¾” to 12”; ¾” to 4” sizes utilize (2) clamps; 5” to 12” sizes utilize four (4) clamps.

SIZES 5” THROUGH 12” - 4 BANDS

CLAMP DETAILS

MISSION REFERENCE P SERIES

<table>
<thead>
<tr>
<th>SHIELD DIMENSIONS</th>
<th>SEALING GASKET DIMENSIONS</th>
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<tr>
<td>L</td>
<td>W</td>
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<tr>
<td>P 075</td>
<td>5.00</td>
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<td>P 100</td>
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<tr>
<td>P 175</td>
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<td>39.56</td>
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<td>P 1200</td>
<td>43.00</td>
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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.

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 \(\frac{5}{16}\)" hex head screw.

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.

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 \(\frac{5}{16}\)" hex head screw.

Rev. 11/16

Band-Seal® Coupling - Submittal
P Series
Performance Couplings for Similar and Dissimilar Pipe Sizes and Materials

PROJECT ___________________________
ENGINEER _________________________
CONTRACTOR _______________________

MATERIALS

Band Series 301 ASTM stainless steel
Screw Housing Series 301 ASTM stainless steel
Screw Saddle Series 301 ASTM stainless steel
Screw Series 301 ASTM stainless steel
Shield Series 301 ASTM stainless steel
Gasket This gasket is fabricated from a compound with high-quality elastomeric properties to meet material testing.