

PFNHHMDCJ

Heavy-Duty No-Hub Couplings



Product Features

- The patented PROFLO heavy-duty “HD” no-hub Couplings are engineered to connect no-hub cast iron pipe in applications replacing the less-efficient hub and spigot material. PROFLO heavy-duty “HD” no-hub coupling exerts exceptional hold on the pipe for a positive, reliable seal.
- PROFLO no-hub couplings are designed to meet or exceed specifications for couplings used in all drain, waste, and vent (DWV) no-hub cast iron pipe systems.
- Temperature range: -30°F to 220°F
- Corrosion resistant
- Designed for both above and below grade installation



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Optional accessories: RAPTOR® torque wrench RAP18551

Certifications

| | | |
|------------------------------|-----------------------------|--|
| Coupling Meets ASTM C1540 | IAPMO Listed File # 3198 | Meets FM 1680 CLASS 1 -15 PSI Meets Sealing Requirements Independent Lab Certified |
| Gasket Meets ASTM C564 | Meets CSA B602 | Buy America Act compliant |

Factory Mutual CN 1680
Commonwealth of Massachusetts CMR-248
City of New York MEA 253-98-E

Available Sizes

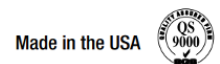
| SIZE | SKU | NO. OF CLAMPS | COUPLING WIDTH | INSTALLATION TORQUE | SCREW HEX SIZE |
|--------|------------|---------------|----------------|----------------------------------|----------------------|
| 1-1/2" | PFNHHMDCJ | 4 | 3" | 80 inch-pounds (all sizes) | 5/16" (all sizes) |
| 2" | PFNHHMDCK | | | | |
| 3" | PFNHHMDCM | | | | |
| 4" | PFNHHMDCP | | | | |
| 5" | PFNHHMDCS | 6 | 4" | | |
| 6" | PFNHHMDCU | | | | |
| 8" | PFNHHMDCX | | | | |
| 10" | PFNHHMDC10 | | | | |

| MATERIALS | |
|-----------|--|
| Clamp: | All 300 Series AISI Stainless Steel (band and screw housing) |
| Screw: | All 300 Series AISI Stainless Steel (5/16" Hex Head / Shoulder) |
| Shield: | All 300 Series AISI Stainless Steel |
| Rivets: | All 300 Series AISI Stainless Steel |
| Gasket: | Elastomeric Compound Primarily Consisting of Neoprene; Meets ALL Requirements of ASTM C564 |

Warranty and Codes

This PROFLO product carries a 1-year limited warranty.

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| TEST | GASKET PHYSICAL TESTING | MINIMUM OR MAXIMUM REQUIREMENTS | ASTM METHOD |
|--|---|--|--|
| Tensile Strength Elongation Durometer | Tests performed on new samples at room temperature (76°F ± 5°F) | 1500 psi minimum 250% elongation before break 70 ± 5 points | D412: @ 20 in/min D412: @ 20 in/min D2240: Shore A |
| Tensile Strength Elongation Durometer | Heat-aged sample testing Test after heat aging for 96 hr @ 158°F (± 2°) | No greater than a 15% loss in strength No greater than a 20% loss in elongation before break No greater than a 10-point increase in hardness | D573 |
| Compression Set | Test after heat aging for 22 hr @ 158°F (± 2°) at an induced deflection of 25% | 25% maximum compression set after 30-minute recovery | D395: Method B |
| Oil Immersion | Test after immersion in IRM 903 oil for 70 hr (± 0.7 hr) @ 212°F (± 2°) | 80% maximum allowable volume increase | D471 |
| Ozone Cracking | Test and inspect after 100 (± 1) hours exposure in 100 ppm ozone concentration at 104°F (± 2°) while loop mounted to induce approximately 20% elongation. | No visible cracking at 2x magnification of the gasket | D1149: Method B |
| Tear Resistance | Pull sample cut from die C into 2 pieces | No less than 150 pounds per inch of thickness before tearing | D624: Die C Cutout |
| Water Absorption | Test after immersion in distilled water for 7 days @ 158°F (± 2°) | 20% maximum allowable weight increase | D471 |

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