

Specifications



PFNHHMDCJ Heavy-Duty No-Hub Couplings

Product Features

- The patented PROFLO Heavy-Duty 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 No-Hub Couplings exert an 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

Optional accessories: RAPTOR® torque wrench RAP18551



PFNHHMDCJ

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

CISPI 310

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"	PFNHHMDCCK				
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

