

Location: _____



MI-HUB

NOHUBCOUPLINGS

Specification: MIFAB® Series MI-HUB (specify size) shielded no hub couplings are manufactured with gaskets made with neoprene that meets the requirements of ASTM C-564 housed inside a Type 301 stainless steel corrugated shield. Two (2" through 4" size), four (6" through 10" size) or six (12" sizes) Type 301 stainless steel clamps tightened with 5/16" Type 305 stainless steel hex head screws surround the shield to provide the sealing force. MI-HUB Series Couplings are tested and certified to the ASTM-C1277-2018, CISPI 310-2010, CSA B602-2010 (File # 247608) and B70 Standards. They are listed with IAPMO and NSF certified CISPI 310. Also tested and certified by Intertek Testing Services to CAN/ULC S102.2-07 "Smoke Test."

Function: Used to provide a positive and significant seal between no hub cast iron pipe and fittings.

Material Specifications:

- Bands** - Type 301 AISI stainless steel (Minimum tensile 165,000 psi).
- Eyelets** - Type 301 AISI stainless steel.
- Gasket** - Neoprene - meeting the requirements of ASTM C-564.
- Screw Housing** - Type 304 AISI stainless steel.
- Screws** - Type 305 AISI stainless steel, 5/16" Hex head / Shoulder.
- Shield** - Type 301 AISI stainless.

Performance Specifications:

• Requires a 5/16" hex head driver to tighten bolts to 60 inch lbs. min/max torque.

* The MIFAB MI-HUB no hub couplings are also tested and certified to the ASTM C1460 Standard to connect cast iron pipe to PVC / ABS pipe in the 1 1/2", 2" 3", 4", 5", 6" and 8" sizes. 1 1/2" - 6" MI-HUB models are tested and certified by IAPMO R & T to be used to connect PVC pipe to PVC pipe.

Physical Properties:	Value:	ASTM Test Method:
Tensile Strength Elongation	1500 psi minimum	D 412
of Break Hardness,	250% minimum	D 412
Durometer (A) Tear	70 ± 5 at 76° ± 5°F	D 2240
Resistance	150 lbs. per inch, min	D 624 (Die C)
Water Absorption****	20% maximum	D 471
Resistance to Heat Aging****		
Hardness	10 points, maximum	D 573
Elongation	20% maximum	
Tensile Strength	15% maximum	
Resistance to Oil Aging***	80% maximum	D 471
Resistance to Ozone**	No Crack at 2X magnification	D 1149
Resistance to Permanent Set*	25% maximum	D395 (Method B)

*Compression set after 22 hrs. at 158°F
 **Condition after exposure to 1.0 ppm ozone in air for 100°F-Loop-mounted sample approximately or 20% elongation.
 ***Change in volume after 70 hrs, immersion in ASTM oil IMR903 at 212°F.
 ****Change in original properties after 96hrs. at 158°F
 *****Wt. Change, 20% maximum 7 days at 158°F

Size 12": Tighten bands alternately to minimum 60-inch pounds torque in the following sequence: 3,2,1 - 4,5,6.

Sizes 5"-10": Tighten bands alternately to minimum 60-inch pounds torque in the following sequence: 2,1 - 3,4

Sizes 2"- 4": Tighten bands alternately to minimum 60-inch pounds torque, in the following sequence: 1-2.

MODEL NUMBER	PIPE SIZE (NOMINAL DIA.)	(C) HEIGHT	INSTALLATION TORQUE (IN. - LBS)	PSI PRESSURE RATING PER ASTM C1277 STANDARD	NUMBER OF CLAMPS PER COUPLING	BAND WIDTH (CLAMP)
MI-HUB-150	1 1/2"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-2150	2 x 1 1/2"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-2	2"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-3	3"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-32	3" x 2"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-4	4"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-42	4" x 2"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-43	4" x 3"	2 1/8"	60	20 psi	2	9/16"
MI-HUB-5	5"	3"	60	20 psi	4	9/16"
MI-HUB-6	6"	3"	60	10 psi	4	9/16"
MI-HUB-8	8"	4"	60	6 psi	4	9/16"
MI-HUB-10	10"	4"	60	6 psi	4	9/16"
MI-HUB-12	12"	5.43"	60	6 psi	6	9/16"
MI-HUB-15	15"	5.43"	60	6 psi	6	9/16"

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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