Location: _____

MIFAB® MI-XHUB

HEAVY DUTY NO HUB COUPLINGS

Champion Couplings — Undisputed Quality

Specification: MIFAB® Series MI-XHUB (specify size) heavy duty shielded no hub couplings are manufactured with gaskets made from neoprene that meets the requirements of ASTM C-564 housed inside a Type 304 stainless steel corrugated shield. Four (2" through 4" size), six (5" through 15" size) Type 304 stainless steel clamps tightened with 3/8" Type 305 stainless steel hex head screws surround the shield to provide the sealing force. MI-XHUB Series Couplings are tested and certified to the ASTM-C1540 and CSA B602 Standards and are listed with IAPMO. The MI-XHUB are also tested and certified by Intertek Testing Services to the CAN/ ULC S102.2-10 "Smoke Test". The MI-XHUB are tested by IAPMO to comply to the FM 1680-1989 Standard (except for markings).

Function: To provide a positive and significant seal between no hub cast iron pipe & fittings. Tested and certified to be installed above or below ground.

1 ½" - 8" MI-XHUB models are tested and certified to the ASTM C1460 Standard.
Can be used to connect cast iron pipe to plastic, steel or extra heavy cast iron pipe.
1 1/2" - 6" MI-XHUB models are tested and certified by IAPMO R&T to be used to connect PVC pipe to PVC pipe.

MATERIAL SPECIFICATIONS:

Bands - Type 304 AISI stainless steel (Minimum tensile 165,000 psi).

Eyelets - Type 304 AISI stainless steel.

Gasket - Neoprene - meeting the requirements of ASTM C-564.

Screw Housing - Type 304 AISI stainless steel.

Eyelets - Type 304 AISI stainless steel.

Screws - Type 305 AISI stainless steel, 3/8" Hex head / Shoulder.

Shield - Type 304 AISI stainless steel painted red for easy identification.

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 76O ± 5O F	D 2240
Resistance	150 lbs. per inch, minimum	D 624 (Die C)
Water Absorption*****	20% maximum	D 471
Resistance to Head Aging ****		
Hardness	10 points, maximum	D 573
Elongation	20% maximum	
Tensile Strength	15% maximum	
Resistance to Oil Aging***	80% maximum	D471
Resistance to Ozone**	No Crack at 2X magnification	D 1149
Resistance to Permanent Set*	25% maximum	D 395 (Method B)

* Compression set after 22 hrs, at 150° F.

** Condition after exposure to 1.0 pphm in Ozone air for 100° F-Loop-mounted sample approximately or 20% elongation.

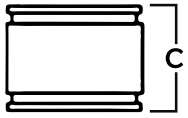
*** Change in volume after 70 hrs. immersion in ASTM oil IMR903 at 212° F.

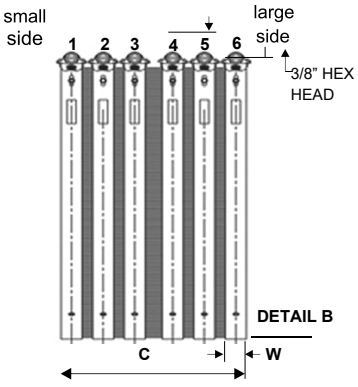
**** Change in original properties after 96hrs. at 158° F.

***** Wt. Change, 20% maximum 7 days at 158° F.

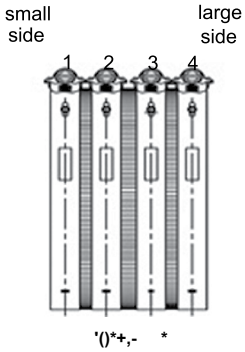


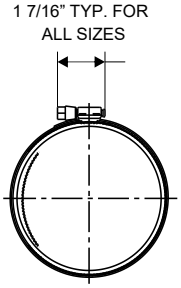
UPC ®
CSA B602





MIFAB's 5"-12" no hub couplings have six sealing bands. Tighten the bands to minimum 80-inch pounds torque, alternatively in the following sequence: 3, 2, 1 - 4, 5, 6





MIFAB's 2", 3" and 4" no hub couplings with four sealing bands, use torque wrench to tighten the bands to minimum 80-inch pounds torque, alternatively in the following sequence: 2, 1 - 3, 4

MODEL NUMBER	PIPE SIZE (NOMINAL DIA.)	(C) HEIGHT	INSTALLATION TORQUE (IN. - LBS)	NUMBER OF CLAMPS PER COUPLING	(W) BAND WIDTH CLAMP
○ **MI-XHUB-150**	1 1/2"	3"	80	4	9/16"
○ **MI-XHUB-2**	2"	3"	80	4	9/16"
○ **MI-XHUB-3**	3"	3"	80	4	29/64"
○ **MI-XHUB-32**	3" x 2"	3"	80	4	29/64"
○ **MI-XHUB-4**	4"	3"	80	4	9/16"
○ **MI-XHUB-42**	4" x 2"	3"	80	4	9/16"
○ **MI-XHUB-43**	4" x 3"	3"	80	4	9/16"
○ **MI-XHUB-5**	5"	4"	80	6	9/16"
○ **MI-XHUB-6**	6"	4"	80	6	9/16"
○ **MI-XHUB-8**	8"	4"	80	6	9/16"
○ **MI-XHUB-10**	10"	4"	80	6	9/16"
○ **MI-XHUB-12**	12"	5.43"	80	6	5/8"
○ **MI-XHUB-15**	15"	5.43"	80	6	5/8"

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

Job Name: _____ Page No: _____

Section No: _____ Contractor: _____

Schedule No: _____ Purchase Order No: _____

MIFAB *reserves the right to make changes in material and design without formal notice and obligation.*

USA: 1-800-465-2736 www.mifab.com CAN: 1-800-387-3880