

Location: \_\_\_\_\_



**MI-QXHUB**

**HEAVY DUTY QUICK HUB  
NO HUB COUPLINGS**



**Specification:** MIFAB® Series MI-QXHUB (specify size) heavy duty shielded no hub couplings are manufactured with gaskets made from neoprene and three sealing rings (meets the requirements of ASTM C564) housed inside a Type 304 stainless steel corrugated shield. Four (2" through 4" size), six (5" through 12" 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-QXHUB Series Couplings are tested and certified to the ASTM-C1540 and CSA B602 Standards. The MI-QXHUB are also tested and certified by Intertek Testing Services to the CAN/ULC S102.2 "Smoke Test". The MI-QXHUB are tested and certified by IAPMO to comply to the FM1680 Standard (except for markings). Patented Pipe Clamp for joining all types of pipe.

**Function:** Used to provide a positive and significant seal between no hub cast iron pipe and fittings. The patented sealing rings within the Quick Hub gasket ensure that the gasket remains within the shield during shipping and handling and also a quick push on installation onto the pipe. There is no need to remove the gasket first and roll it over the pipe. With Quick Hub, you simply push the coupling onto the 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 C564.

**Oil Immersion test:** 80% max. Volume change after immersion in IRM 903 for 70 hours at 212° F.

**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.

The MI-QXHUB Quick Hub couplings are also tested and certified to the ASTM C1460

Standard to connect cast iron pipe to PVC and/or ABS pipe in 1 1/2", 2", 3", 4", 6" and

8" sizes. 1 1/2" - 6" MI-QXHUB 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 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

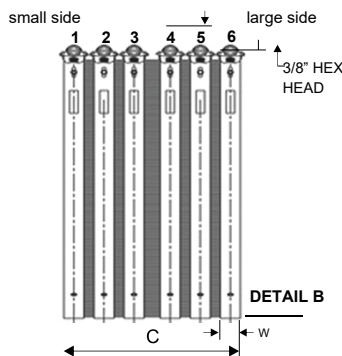
\*\*\*\*\*Wt. Change, 20% maximum 7 days at 158°F



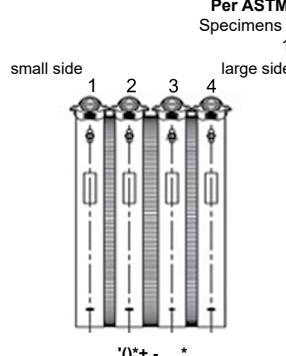
**MI-QXHUB**



Three sealing rings on the MI-QXHUB gaskets outperform others with only two sealing rings.

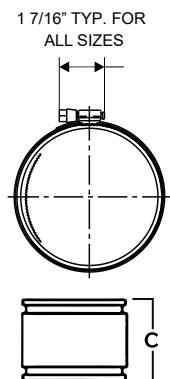


MIFAB's 5"-12" no hub couplings have six sealing bands. Tighten the bands to minimum 80-inch pounds torque, alternatively in the following sequence: 3,2,1 - 4,5,6



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

Per ASTM C564, the gaskets are rated to: Specimens shall be aged in an oven for 22 h at 158 +/- 2 °F (70+/- 1 °C).



| MODEL NUMBER   | PIPE SIZE (NOMINAL DIA.) | (C) HEIGHT  | INSTALLATION TORQUE (IN. - LBS) | ASTM C1540 HYDROSTATIC PRESSURE REQUIREMENT | NUMBER OF CLAMPS PER COUPLING | CARTON QUANTITY | PALLET QUANTITY |
|----------------|--------------------------|-------------|---------------------------------|---------------------------------------------|-------------------------------|-----------------|-----------------|
| ○ MI-QXHUB-150 | 1 1/2"                   | 3" (76)     | 80 - 100                        | 30 psi                                      | 4                             | 75              | 2,700           |
| ○ MI-QXHUB-2   | 2"                       | 3" (76)     | 80 - 100                        | 30 psi                                      | 4                             | 72              | 1,512           |
| ○ MI-QXHUB-3   | 3"                       | 3" (76)     | 80 - 100                        | 30 psi                                      | 4                             | 24              | 960             |
| ○ MI-QXHUB-4   | 4"                       | 3" (76)     | 80 - 100                        | 30 psi                                      | 4                             | 24              | 960             |
| ○ MI-QXHUB-5   | 5"                       | 4" (102)    | 80 - 100                        | 30 psi                                      | 6                             | 27              | 324             |
| ○ MI-QXHUB-6   | 6"                       | 4" (102)    | 80 - 100                        | 27 psi                                      | 6                             | 27              | 324             |
| ○ MI-QXHUB-8   | 8"                       | 4" (102)    | 80 - 100                        | 15 psi                                      | 6                             | 15              | 180             |
| ○ MI-QXHUB-10  | 10"                      | 4" (102)    | 80 - 100                        | 9 psi                                       | 6                             | 12              | 120             |
| ○ MI-QXHUB-12  | 12"                      | 5.43" (138) | 80 - 100                        | 6 psi                                       | 6                             | 5               | 60              |
| ○ MI-QXHUB-15  | 15"                      | 5.43" (138) | 80 - 100                        | 6 psi                                       | 6                             | 4               | 28              |

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: \_\_\_\_\_

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