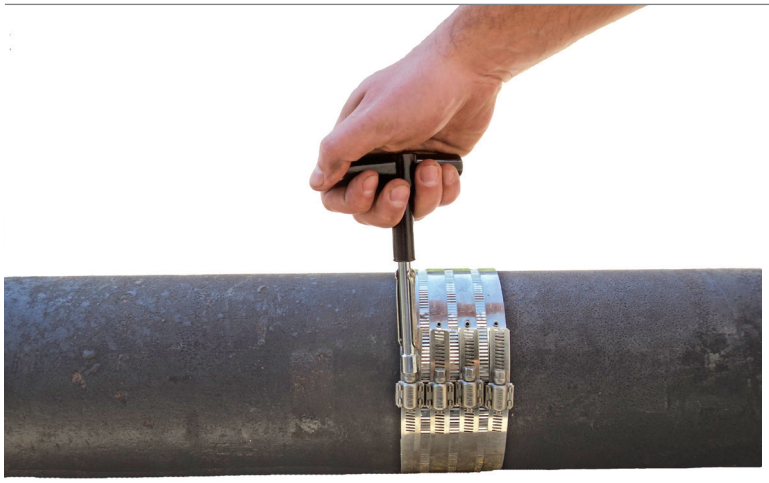
MI-TORQUE TORQUE WRENCH 60 IN. - LBS.

SPECIFICATION: MIFAB® MI-TORQUE black handled 60 in. – lbs. steel torque wrench with 5/16" hex drive.

FUNCTION: The MI-TORQUE wrench is used to tighten MIFAB's MI-HUB Series of regular duty no hub couplings and any other brand of regular duty no hub couplings to 60 in. - lbs. in order to connect No-Hub soil pipe. The MI-TORQUE wrench tightens with a ratchet action and slips at the 60 in. - lbs. preset torque limit to avoid over tightening. The T-shaped handle provides good leverage for the operator and fast and easy one - handed tightening in the right hand direction.



MI-TORQUE - List Price - $50.00

CROSS REFERENCE

MIFAB	Wheeler Rex	Ideal	Lowell	Ridgid
MI-TORQUE	1967	8-9995	3T000	902

TESTING AND INSPECTION OF NO HUB COUPLINGS

It is important to test all cast iron piping installations for leaks after the roughing in has been completed. Before testing, the installer should notify the inspector of the local administrative authority having jurisdiction over plumbing installations. Leave concealed work uncovered until the required tests are performed and the system receives approval.

Note: In all installations, installers should be aware of local conditions, codes and regulations. Comply with all local codes, regulations, manufacturers' instructions and architect engineer specifications.

WATER OR HYDROSTATIC TESTING

This is the most common type of test used to test a completed cast iron soil pipe installation, and it is the test most often recommended by plumbing codes. Its purpose is to check the installation for leaks and to correct these prior to putting the system into service. Use the following steps to perform a water test: (Note: MIFAB does not recommend an air test)

1. Since visual inspection of the system is required, conduct this test prior to enclosing above ground installations, or backfilling below-ground installations.
2. Isolate each floor or section being tested by inserting plugs into the test tees in the stacks.
3. Plug or cap all other openings with test plugs or test caps.
4. Fill the system with water at its highest point. Do this slowly to allow any trapped air to escape as the water level rises. Note: Failure to remove entrapped air may cause faulty test results, so be sure all entrapped air has been removed to obtain reliable test results.
5. As water fills a vertical pipe, it creates hydrostatic pressure. This pressure increases as the height of the water in the vertical pipe increases. MIFAB® recommends water testing with ten feet of hydrostatic pressure (4.3 pounds per square inch).
6. After filling the stack to ten feet of head, visually inspect the section you are testing for any leaks around its joints with: the no hub couplings.
7. In hub less systems, leaks can often be traced to no hub couplings that were not tightened properly to the recommended torque and / or with the correct tools such as a calibrated torque wrench. In these cases, correctly tightening the couplings should eliminate the leak.
8. Water test each portion of the system for 15 minutes. This is sufficient time for any problems to be detected.
9. After a successful test, drain the system and prepare the next section for testing.

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