SPEND LESS TIME — AND MONEY — RESTRAINING MECHANICAL JOINT FITTINGS WITH THE NEW MJ FIELD LOK® GASKET.

Since the restraint is in the gasket, fewer parts means faster and easier installation than lug-type restraints.

Use the MJ FIELD LOK Gasket, available for both Ductile Iron and PVC pipelines, and Finish First.

www.mjfieldlok.com

MJ FIELD LOK® is a Registered Trademark of U.S. Pipe and Foundry Company. MJ FIELD LOK Gaskets are made exclusively by S&B Technical Products, Fort Worth, Texas.
Forget those heavy lug-type restraints and switch to the new MJ FIELD LOK® Gasket. It not only seals, but also provides the joint restraint that typically requires concrete thrust blocks or lug-type restraints outside the joint. This means you’ll have fewer installation steps, and faster and easier installations.

Two primary components make up the MJ FIELD LOK Gasket. The first, an elastomeric material, does the sealing. The second, either stainless steel locking segments (Series DI) or a Ductile Iron locking ring (Series PV), are the teeth that give MJ FIELD LOK its bite. Embedded in the elastomeric material, they lock in to the pipe and provide joint restraint when the pipe system is internally pressurized.

There’s no learning curve either. Install it just like a standard mechanical joint gasket. The joint is automatically restrained when the MJ FIELD LOK® Gland bolts are tightened to the recommended torque.
MJ FIELD LOK® Gasket

- Proven joint restraint technology.
- No learning curve — installs just like a standard mechanical joint gasket and gland.
- No more need for time-consuming thrust blocks or heavy lug-type restraints.
- No loose wedges or torque-off control nuts to get lost or broken.
- Can be disassembled just like a standard mechanical joint.
- Suitable for potable water and wastewater applications.
- The state-of-the-art MJ FIELD LOK® Gland is designed for maximum strength and easy product identification.
- MJ FIELD LOK Gaskets are provided as part of a kit that also includes the MJ FIELD LOK Gland, nuts and bolts.

**MJ FIELD LOK® Gasket Series DI (4”–24”)**
- Can be used on any Pressure Class or Special Thickness Class Ductile Iron pipe up to 350 psi.
- Stainless steel locking segments provide proven joint restraint technology.

**MJ FIELD LOK® Gasket Series PV (4”–12”)**
- Can be used on any Thickness Class of AWWA C900 PVC pipe.
- Pressure rated at a 2:1 safety factor, based on the pressure rating of the pipe on which it is installed.
- Can be used on C909 PVC pipe and has the same rating as the pipe that it is installed on.
- Ductile Iron locking ring provides proven joint restraint technology.

**MJ FIELD LOK® Gland (4”–24”)**
- Highly engineered to provide the strength and rigidity necessary for restrained joint applications.
- Installs just like a standard mechanical joint gland.
- All Ductile Iron components are manufactured to ASTM A536 Grade 70-50-05.

**Application Notes:**
1. MJ FIELD LOK® Gaskets are designed to seal and restrain a centrifugally cast Ductile Iron or PVC pipe (C900 or C909) with Ductile Iron pipe spigot diameters in either a Ductile Iron pipe or a Ductile Iron fitting bell.
2. MJ FIELD LOK Gaskets are available to fit mechanical joints conforming to ANSI/AWWA C111/A21.11 Rubber Gasket Joints for Ductile Iron Pressure Pipe and Fittings.
3. If Ductile Iron pipe with a lower pressure rating than the gasket is used, then the lower pressure rating will apply to the MJ FIELD LOK Gasket also.
4. MJ FIELD LOK® Gaskets require 90 ft-lb of bolt torque for 4”–8” gaskets, and 120 ft-lb of bolt torque for 10”–24” gaskets. As per AWWA C600 Mechanical-Joint assembly instructions (the lubrication is not required for DI version of MJ FIELD LOK® Gaskets) all bolts for MJ joints should be tightened in an alternating pattern. The alternating tightening pattern should be repeated until the recommended bolt torque is achieved i.e. several repetitions will be required before the proper torque is reached. Most common ½” drive air powered impact wrenches are capable of applying these torques.
5. U.S. Pipe does not recommend that the joints be deflected after the bolts have been tightened.
6. Bolts: The standard MJ FIELD LOK Gasket kit comes with T-Head bolts/nuts to be used with C153 MJ Bell Flanges. Kits with bolts/nuts to be used with C110 MJ Bell Flanges may be provided if noted on the order. Bolts made of special materials such as Stainless Steel or Fluorocarbon Coated Steel may also be furnished separately upon request.
7. MJ FIELD LOK Gaskets are suitable for either potable water or wastewater applications.
8. MJ FIELD LOK Gaskets are NSF 61 Approved.
9. Series DI Gaskets are UL Listed for 350 psi in 4”–16” sizes and 250 psi in 18”–24” sizes.
10. MJ FIELD LOK Gaskets Series DI products are not recommended for use with cast iron pipe, plastic pipe, oversized pipe, metric pipe, or for use as a transition gasket, or pipe with an O.D. coating of any kind that is thicker than 5 mils.
11. MJ FIELD LOK Gaskets Series PV products are not recommended for use with cast iron pipe, Ductile Iron pipe, oversized pipe, metric pipe, or as a transition gasket. Series PV Gaskets should not be used on any pipe with an O.D. coating of any kind that is thicker than 5 mils.

**MJ FIELD LOK® KIT INCLUDES:** MJ FIELD LOK® GASKET, STATE-OF-THE-ART MJ FIELD LOK® GLAND, NUTS AND BOLTS. CONTACT YOUR U.S. PIPE, TYLER/UNION, OR MCWANE COMPANIES’ SALES REPRESENTATIVE OR VISIT WWW.MJFIELDLOK.COM FOR MORE INFORMATION.
Suggested Specifications:

Joint restraint for mechanical joint pipe and fittings shall be the MJ FIELD LOK® Gasket. The restraint system shall be completely integral to the gasket, requiring only standard mechanical joint assembly techniques. The restraining system for Ductile Iron shall be pressure rated to 350 psi in sizes up to and including 16”, and 250 psi in sizes 18”–24”. The restraining system for PVC shall be rated at a 2:1 safety factor for the pipe on which it is installed. The restraining system shall be rated in accordance with the performance requirements of ANSI/AWWA C111/A21.11 Rubber Gasket Joints for Ductile-Iron Pressure Pipe and Fittings.