

4"-12"  
16"

# MJ FIELD LOK® Gasket



## A Restraint Revolution

Spend less time — and money — restraining mechanical joint fittings with the new MJ FIELD LOK® Gasket.

### MJ FIELD LOK® Gasket Series DI

Can be used on any Pressure Class or Special Thickness Class Ductile Iron pipe.

Pressure rated at 2:1 safety factor or up to 350 psi depending on the class of the pipe used.

Stainless steel locking segments provide proven joint restraint technology.

### MJ FIELD LOK® Gland

Installs just like a standard mechanical joint gland.

Highly engineered to provide the strength and rigidity necessary for restrained joint applications.

All Ductile Iron components are manufactured to ASTM A536 Grade 70-50-05.

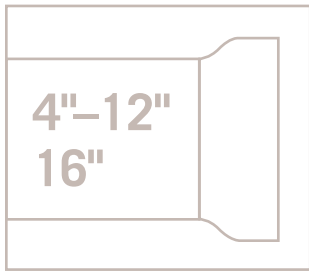
MJ FIELD LOK® Gasket Series DI  
(4"-12", 16")



MJ FIELD LOK® Gland  
(4"-12", 16")

- 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.
- 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<sup>®</sup> Gasket



## Application Notes:

1. MJ FIELD LOK<sup>®</sup> Gaskets are designed to seal and restrain a centrifugally cast Ductile Iron pipe in 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. Most common 1/2" 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. MJ FIELD LOK Gaskets are suitable for either potable water or wastewater applications. Lubricant is not recommended for the DI version of the MJ FIELD LOK Gasket during assembly.
7. MJ FIELD LOK Gaskets are NSF 61 Approved.
8. Series DI Gaskets are UL Listed for 350 psi in 4"–16" sizes.
9. MJ FIELD LOK Gaskets Series DI products are not recommended for use with cast iron pipe, plastic pipe, oversize 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.

## MJ FIELD LOK<sup>®</sup> Gasket Series DI

SIZE Inches	PIPE OD	ORDER NUMBER	DEFLECTION Degrees	PRESSURE RATING psi	APPROX. KIT WEIGHT
4	4.80	DI04	5	350	7.3
6	6.90	DI06	5	350	10.9
8	9.05	DI08	5	350	13.5
10	11.10	DI10	3	350	18.5
12	13.20	DI12	3	350	19.7
16	17.40	DI16	2	350	31.8

## MJ FIELD LOK<sup>®</sup> Gland (See illustration below.)

SIZE Inches	WEIGHT Pounds	DIMENSIONS				
		A Outside Dia.	B Bolt Hole	C Inside Dia.	D OD Lip	E Gland Height
4	3.3	8.88	7.50	4.90	5.92	1.75
6	5.0	10.87	9.50	7.00	8.02	2.00
8	7.2	13.13	11.75	9.15	10.17	2.25
10	10.2	15.38	14.00	11.20	12.22	2.25
12	11.0	17.63	16.25	13.30	14.32	2.25
16	25.0	22.38	21.00	17.54	18.50	2.75

## Suggested Specifications:

Joint restraint for mechanical joint pipe and fittings shall be the MJ FIELD LOK<sup>®</sup> 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". The pressure rating for DI restraints shall be based on a 2:1 safety factor or up to 350 psi depending on the class of the pipe used.

