

# MJ FIELD LOK®

**A RESTRAINT REVOLUTION.** Spend less time - and money - restraining mechanical joint fittings with the new MJ FIELD LOK® Gasket.



PROVEN JOINT  
RESTRAINT TECHNOLOGY  
NO LEARNING CURVE  
FOR DUCTILE IRON  
AND PVC PIPE  
CURRENTLY AVAILABLE:  
Ductile Iron — 4" - 24"  
PVC — 4" - 12"

- UL Listed and FM approved.
- 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

- Can be used on any Pressure Class or Special Thickness Class Ductile Iron pipe up to 350 psi. Not recommended for use with Plain end Ductile iron fittings.
- Stainless steel locking segments provide proven joint restraint technology.

## MJ FIELD LOK® Gasket Series PV

- Can be used on any thickness class of AWWA C900 and C909 pipe.
- Pressure rated at a 2:1 safety factor, based on the pressure rating of the pipe on which it is installed.
- Ductile iron locking ring provides proven joint restraint technology.

## MJ FIELD LOK® Gland

- 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.



MJ FIELD LOK® Gland

MJ FIELD LOK® Gasket Series DI

MJ FIELD LOK® Gasket Series PV

## Application Notes:

- MJ FIELD LOK® Gaskets are designed to seal and restrain a centrifugally cast ductile iron or PVC pipe spigot in either a ductile iron pipe or a ductile iron fitting bell.
- MJ FIELD LOK Gaskets are available to fit mechanical joints conforming to AWWA C110 or AWWA C153 in 4" - 24" sizes.
- If ductile iron pipe with a lower pressure rating is used, then the lower pressure rating will apply to the MJ FIELD LOK Gasket also.
- MJ FIELD LOK Gaskets require 90 ft-lb of bolt torque for 4" - 8" gaskets, and 120 ft-lb of bolt torque for 10" - 12" inch gaskets. Most common 1/2" drive air powered impact wrenches are capable of applying these torques.
- MJ FIELD LOK Gaskets are suitable for either potable water or wastewater applications.
- MJ FIELD LOK Gaskets are NSF approved, UL Listed and FM Approved.
- MJ FIELD LOK Gasket Series DI products are not recommended for use with cast iron pipe, plastic pipe, oversize pipe, metric pipe, plain end DI fittings, or as a "transition" gasket.
- MJ FIELD LOK Gasket Series PV products are not recommended for use with cast iron pipe, ductile iron pipe, oversize pipe, metric pipe, or for use as a "transition" gasket.
- MJ FIELD LOK Gaskets are warranted only when used with MJ FIELD LOK™ Gland.

### MJ FIELD LOK® Gasket Series DI

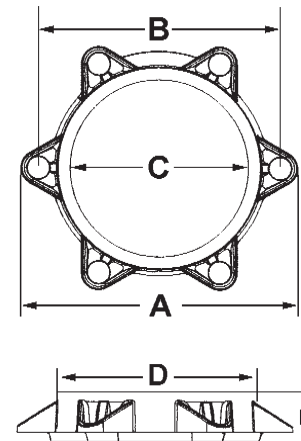
SIZE (Inches)	PIPE OD	ORDER NUMBER	NO. OF SEGMENTS	PRESSURE RATING	APPROX. KIT WEIGHT
4	4.80	DI04	3	350	7.3
6	6.90	DI06	4	350	10.9
8	9.05	DI08	6	350	13.5
10	11.10	DI10	9	350	18.5
12	13.20	DI12	13	350	19.7
14	15.30	DI14	18	350	26.9
16	17.40	DI16	24	350	31.8
18	19.50	DI18	30	250	49.8
20	21.60	DI20	36	250	59.7
24	25.80	DI24	52	250	81.3



### MJ FIELD LOK® Gasket Series PV

SIZE (Inches)	PIPE OD	PRESSURE ORDER NUMBER (psi)	PRESSURE RATING DR-18 (psi)	RATING DR-14	APPROX. KIT WEIGHT
4	4.80	PV04	150	200	7.8
6	6.90	PV06	150	200	11.8
8	9.05	PV08	150	200	14.8
10	11.10	PV10	150	200	20.1
12	13.20	PV12	150	200	21.6

### MJ FIELD LOK™ Gland



### MJ FIELD LOK® Gland (See illustration at right)

SIZE (Inches)	WEIGHT (pounds)	DIMENSION				
		A (Outside Dim)	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
14	17.2	20.13	18.75	15.44	16.40	2.51
16	25.0	22.38	21.00	17.54	18.50	2.75
18	38.0	24.75	23.25	19.64	20.60	3.14
20	46.0	27.00	25.50	21.74	22.70	3.20
24	64.0	31.50	30.00	25.94	26.90	3.57

### 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"; 18", 20" and 24" are rated for 250 psi. 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. Not recommended for use on Ductile iron Plain end fittings.