

4"–24"

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® Gasket *Series PV*

Can be used on any Pressure 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.

Series PV Gaskets meet the requirements of *ASTM F-1674 — Test Method for Joint Restraint Products for Use with PVC Pipe*.

Ductile Iron locking ring provides 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 PV* (4"–12")



MJ FIELD LOK® Gland (4"–24")

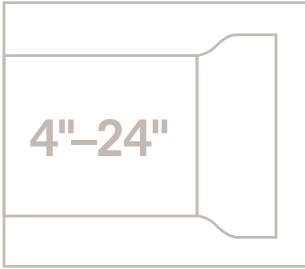
MJ FIELD LOK® Gasket *Series DI* (4"–24")

- 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.

**MORE
THAN
JUST
PIPE.**





MJ FIELD LOK[®] Gasket



Application Notes:

- 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.
- 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*.
- 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.
- 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.
- U.S. Pipe does not recommend that the joints be deflected after the bolts have been tightened.
- 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.
- MJ FIELD LOK Gaskets are suitable for either potable water or wastewater applications. Lubricant is not required for the DI version of the MJ FIELD LOK Gasket during assembly.
- MJ FIELD LOK Gaskets are NSF 61 Approved.
- Series DI Gaskets are UL Listed for 350 psi in 4"–16" sizes and 250 psi in 18"–24" sizes and FM Approved, with a rating of 175 psi, in 4"–12" sizes.
- 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 Gaskets Series PV products are not recommended for use with cast iron pipe, Ductile Iron pipe, oversize 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.

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 shall be rated at 250 psi for sizes 18"–24". 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.

The restraining system for PV shall be rated at a 2:1 safety factor based on the pressure rating of the pipe on which it is installed. The restraining system for PV shall meet the requirements of *ASTM 1674 — Test Method for Joint Restraint Products for Use with PVC Pipe*.

MJ FIELD LOK[®] Gasket Series DI (Protected by U.S. Patent Nos. 7,093,863; 7,104,573; 7,108,289)

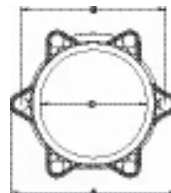
SIZE Inches	PIPE OD	ORDER NUMBER	DEFLECTION Degrees	PRESSURE RATING psi	APPROX. KIT WEIGHT
4	4.80	DI04	5	350	7.3
6	6.90	DI06	5	350	10.9
8	9.05	DI08	5	350	13.5
10	11.10	DI10	3	350	18.5
12	13.20	DI12	3	350	19.7
14	15.30	DI14	2	350	26.9
16	17.40	DI16	2	350	31.8
18	19.50	DI18	1.5	250	49.8
20	21.60	DI20	1.5	250	59.7
24	25.80	DI24	1.5	250	81.3

MJ FIELD LOK[®] Gasket Series PV (Protected by U.S. Patent Nos. 7,125,054; 6,974,160; 6,945,570; D514,671)

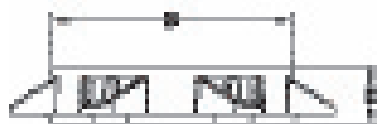
SIZE Inches	PIPE OD	ORDER NUMBER	PRESSURE RATING DR-18 psi	PRESSURE RATING DR-14 psi	APPROX. KIT WEIGHT
4	4.80	PV04	150	200	7.8
6	6.90	PV06	150	200	11.8
8	9.05	PV08	150	200	14.8
10	11.10	PV10	150	200	20.1
12	13.20	PV12	150	200	21.6

MJ FIELD LOK[®] Gland (Protected by U.S. Patent Nos. D515,673; D513,793; D514,669) (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
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



The recommendations and instructions in this brochure supersede those instructions found in the MJ FIELD LOK Kit.



**MORE
THAN
JUST
PIPE.**

