

# MJ FIELD LOK® Gasket Series DI Assembly Instructions

Use MJ FIELD LOK® Gaskets to connect pipe and fittings in the same way you would use standard MJ gaskets to assemble an MJ joint, as detailed in ANSI/AWWA C600.



PROVEN JOINT  
RESTRAINT TECHNOLOGY  
NO LEARNING CURVE  
FOR DUCTILE IRON  
AND PVC PIPE  
CURRENTLY AVAILABLE  
IN SIZES 4" - 12"

**Gather all components and tools required for joint restraint. To restrain one (1) mechanical joint, you'll need the MJ FIELD LOK® Gasket kit, joint lubricant and a 1-1/8 inch wrench. Clean all components prior to assembly.**

**Step 1** — Slide the MJ FIELD LOK™ Gland and the gasket onto the spigot to be restrained. (**Figure #1**) Install the gland with the flats on the bolt holes facing away from the spigot end. Next, install the MJ FIELD LOK Gasket with the wide end facing the gland.

**Step 2** — Apply a generous amount of joint lubricant to the spigot, the inside of the bell and the MJ FIELD LOK® Gasket. (**Figure #2**)

**Step 3** — Insert the spigot into the MJ bell and push the gasket into the bell as far as possible by hand. (**Figure #3**) Light tapping with a hammer or other suitable tool may help ensure even gasket seating.

**Step 4** — Slide the gland up to the gasket and align the bolt holes. Install all tee head bolts and nuts finger tight. (**Figure #4**) Install the tee head of the bolt on the bell end of the joint (*i.e., install the bolt through the bell first, then the gland*).

**Step 5** — Tighten the bolts evenly in a criss-cross pattern (**Figure #5**) (*i.e., tighten one bolt, then tighten the bolt on the opposite side of the joint, then move to the adjacent bolt and repeat*). Snug all the bolts down, deflect the joint if desired, then tighten them to an intermediate torque, then tighten to the final torque. All bolts should be tightened evenly for maximum joint restraint. Torque 4"–8" joint assemblies to 90 ft-lb, 10"–24" assemblies to 120 ft-lb. Maximum allowable deflection is 5° for 4"–8" joint assemblies and 3° for 10" and 12" joint assemblies.

### Special Note

Glands other than those supplied in the MJ FIELD LOK® Gasket kit are not recommended and may reduce the restraining capabilities of the MJ FIELD LOK® Gasket.

