



# Series 19PF10

Mechanical Joint Gland Restraint

## Installation Instructions

1. The Series 19PF00 is designed for restraining C909 PVC pipe at ductile iron fittings supplied with restraining ears. The restraint has a split, serrated restraint ring on the spigot and attaches to the fitting with connecting thrust rods.
2. Assemble joint per the pipe and fitting manufacturer's instructions.
3. Using the connecting thrust rods to determine the proper restraint location, install both halves of the restraint by tapping them into place. Allow enough room on the connecting thrust rods to fully engage the nuts with several threads showing. Make sure the ID of the restraint is touching the pipe before installing and tightening of side bolts. Side bolts are to be evenly tightened to 120 ft-lbs of torque (70 ft-lbs on 4 inch and 6 inch). A torque indicating wrench will help facilitate this.
4. Tighten the connecting thrust rods until snug; do not over tighten connecting thrust rods as to move the spigot further into the joint.



## CONTENTS

Qty.	Description
1	1910 Split Restraint Ring
4	3/4 in. by 8 in. Rods w/ Nuts

**Restraints Made in The USA**

1113-H



For use on water or wastewater pipelines subject to hydrostatic pressure and tested in accordance with either AWWA C600 or ASTM D2774

APPROXIMATE SHIPPING WEIGHT: 32.31 lbs.

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**Made in the USA**