



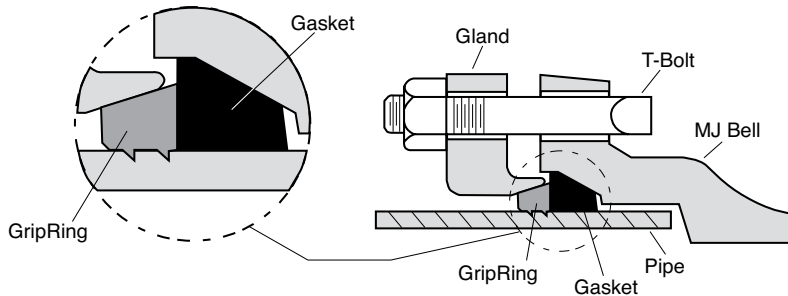
# GripRing™ Pipe Restrainer

for use on Ductile Iron, C-900, and IPS size PVC

The GripRing's articulating wedge action provides the restraint required for virtually any pressure.

## A ROMAC ORIGINAL

**GripRing™**  
US Patent #: 5335946



- **Full circumferential pipe restraint.**  
This spreads the restraining forces more evenly than restrainers using radial bolts or pads.
- **Easy to install.**  
The GripRing™ uses standard a mechanical joint gasket and T-bolts. There are no radial bolts or pads for the installer to forget to tighten. When the T-bolts on the gland are tightened, the GripRing restraint system is engaged.
- **Rated to full working pressure of pipe.**  
GripRing pipe restrainers may be used at the full rated capacity of the pipe, including an allowance for pressure surges.
- **Built-in stop to prevent damage to pipe.**  
The "gap" in each GripRing is designed to completely close before a pipe can be excessively stressed.
- **The GripRing flexes to accommodate deflection allowed in a Mechanical Joint.**  
Restrains under the misalignment conditions often found in the field.
- **The gland is painted yellow to avoid confusion.**  
Since the gland used with the GripRing restraint system is similar in looks to a standard MJ gland, it is painted yellow. The inspector can easily see that a restrainer has in fact, been used.



## GRIPRING™ PIPE MATERIAL COMPATIBILITY CHART

Pipe Material	Ring Color	Working Pressure	Comments
<sup>2</sup> Ductile Iron - AWWA C151	Black	350	
Cast Iron - Obsolete Std.	Black	350	OD is same as DI, C151.
<sup>2</sup> PVC - D.I. Size, AWWA C900	Black	Rating of pipe	Class 235 & 305.
PVC - "Class Pipe", ASTM D 2241	Red	Rating of pipe	4"-8" Class 160-200. 10" & 12" Class 200 only.
PVC - ASTM D 1785	Red	Rating of pipe	4"-8" Class Sched. 40-80. 10" & 12" Sched. 80 only.
PVC Molecularly Oriented (C909)	-	-	GripRing is not for use on C909 pipe.

For pipe and classes not listed in the compatibility chart above, contact Romac Industries.

<sup>1</sup>Consult GripRing Pipe Material Compatibility Chart.

<sup>2</sup>UL Listed & FM Approved



1-800-426-9341



# GripRing™ Accessory Pack

**Material Specifications**

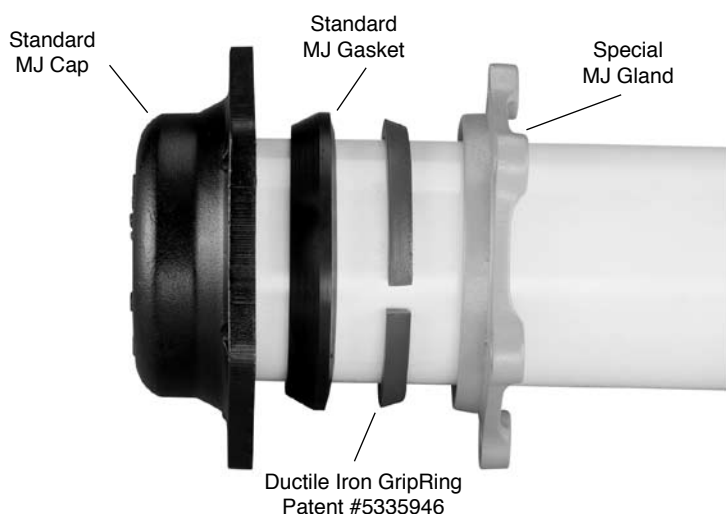
**GripRing:** Hardened ductile iron. GripRing is painted red for IPS, and black for D.I. and C-900.

**Gland:** Ductile iron per ASTM A 536, Grade 65-45-12. Gland is painted yellow.

**Gasket:** SBR per ASTM D 2000 MBA 710, compounded for water and sewer service. Other compounds available on request.

**T-bolts and Nuts:** 3/4" UNC T-bolts, heavy hex nuts, high strength, low alloy steel per AWWA C111.

**Not for use on polyethylene pipe, steel pipe, plain end mechanical joint fittings, Molecularly Oriented Polyvinylchloride (PVC) AWWA C909-02. See pipe material compatibility chart for details.**



DUCTILE IRON and C-900								
ACCESSORY PACK (Gland, GripRing, Gasket, Bolts and Nuts)					GLAND and GRIPRING ONLY			
NOM. PIPE SIZE	CATALOG NUMBER	BOLTS QUANTITY: SIZE	WEIGHT (lbs.)	LIST PRICE	NOM. PIPE SIZE	CATALOG NUMBER	WEIGHT (lbs.)	LIST PRICE
4"	4" GRAP-DI	4: 3/4" x 3 1/2"	8#	\$59.33	4"	4" GR-DI	4#	\$39.80
6"	6" GRAP-DI	6: 3/4" x 4"	11#	68.97	6"	6" GR-DI	6#	45.58
8"	8" GRAP-DI	6: 3/4" x 4"	14#	98.33	8"	8" GR-DI	8#	69.78
10"	10" GRAP-DI	8: 3/4" x 4"	18#	140.87	10"	10" GR-DI	11#	104.95
12"	12" GRAP-DI	8: 3/4" x 4"	20#	192.45	12"	12" GR-DI	13#	152.23

PVC-IRON PIPE SIZE (IPS)								
ACCESSORY PACK (Gland, Ring, Gasket, Bolts and Nuts)					GLAND and RING ONLY			
NOM. PIPE SIZE	CATALOG NUMBER	BOLTS QUANTITY: SIZE	WEIGHT (lbs.)	LIST PRICE	NOM. PIPE SIZE	CATALOG NUMBER	WEIGHT (lbs.)	LIST PRICE
4"	4" GRAP-IP	4: 3/4" x 3 1/2"	8#	\$67.83	4"	4" GR-IP	4#	\$48.45
6"	6" GRAP-IP	6: 3/4" x 4"	11#	82.33	6"	6" GR-IP	6#	58.90
8"	8" GRAP-IP	6: 3/4" x 4"	14#	115.50	8"	8" GR-IP	9#	86.95
10"	10" GRAP-IP	8: 3/4" x 4"	18#	200.52	10"	10" GR-IP	12#	164.55
12"	12" GRAP-IP	8: 3/4" x 4"	20#	212.71	12"	12" GR-IP	14#	172.87

To Order: Specify catalog number.