

# GRIPRING™ PIPE RESTRAINER

FOR USE ON DUCTILE IRON, C-900, & IPS SIZE PVC<sup>1</sup>



RESTRAINT SYSTEMS

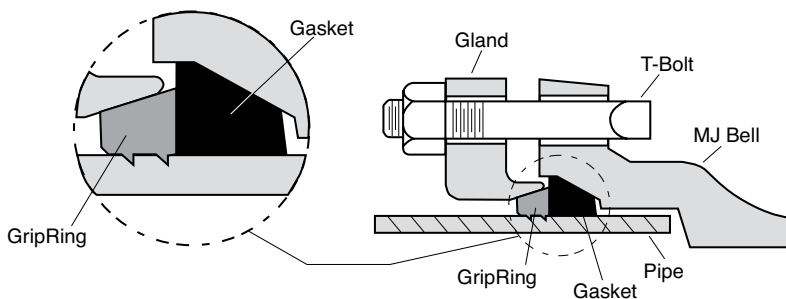


## A ROMAC ORIGINAL GripRing™

U.S. PAT. NO. 5335946

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

- Full circumferential pipe restraint.**  
 This spreads the restraining forces more evenly than restrainers using radial bolts or pads.
- 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.
- Easy to install.**  
 The GripRing™ uses standard 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.



NSF61 certified upon request.

### GRIPRING™ PIPE MATERIAL COMPATIBILITY CHART

PIPE MATERIAL	RING COLOR	WORKING PRESSURE	COMMENTS
Ductile Iron - AWWA C151	Black	350	
Cast Iron - Obsolete Std.	Black	350	OD is same as DI, C151.
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



# GRIPRING™ ACCESSORY PACK

RESTRAINT SYSTEMS

## MATERIAL SPECIFICATIONS

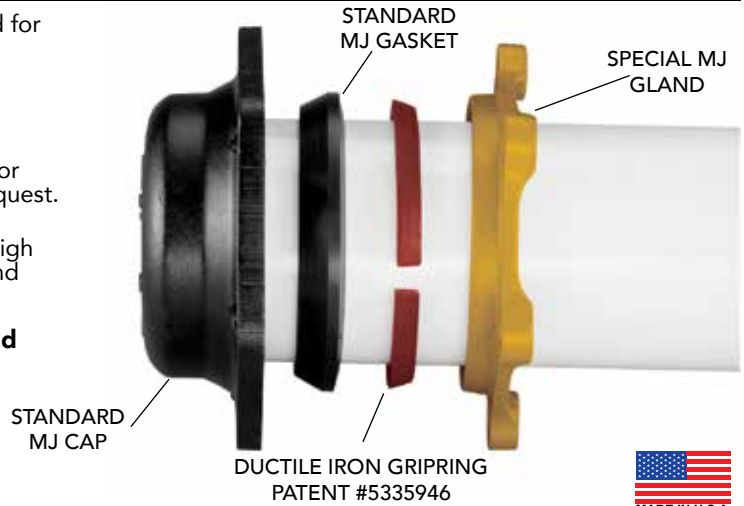
**GRIPRING:** Hardened ductile iron. GripRing is painted red for IPS, and black for D.I. and C-900.

**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. Stainless steel and R-Blue available upon request.

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



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**MEETS  
AWWA C111**

## DUCTILE IRON AND C-900

NOM. PIPE SIZE	ACCESSORY PACK (Gland, GripRing, Gasket, Bolts & Nuts)					NOM. PIPE SIZE	GLAND & GRIPRING ONLY		
	CATALOG NUMBER	BOLTS (Qty: Size)	WEIGHT (lbs.)	LIST PRICE			CATALOG NUMBER	WEIGHT (lbs.)	LIST PRICE
				STD. B&N	R-BLUE <sup>1</sup> B&N				
4"	4" GRAP-DI	4: 3/4" x 3 1/2"	8#	\$71.64	\$85.41	4"	4" GR-DI	4#	\$48.06
6"	6" GRAP-DI	6: 3/4" x 4"	11#	83.29	100.67	6"	6" GR-DI	6#	55.04
8"	8" GRAP-DI	6: 3/4" x 4"	14#	118.73	136.12	8"	8" GR-DI	8#	84.26
10"	10" GRAP-DI	8: 3/4" x 4"	18#	170.10	193.28	10"	10" GR-DI	11#	126.72
12"	12" GRAP-DI	8: 3/4" x 4"	20#	232.39	259.19	12"	12" GR-DI	13#	183.81

## PVC-IRON PIPE SIZE (IPS)

NOM. PIPE SIZE	ACCESSORY PACK (Gland, GripRing, Gasket, Bolts & Nuts)					NOM. PIPE SIZE	GLAND & GRIPRING ONLY		
	CATALOG NUMBER	BOLTS (Qty: Size)	WEIGHT (lbs.)	LIST PRICE			CATALOG NUMBER	WEIGHT (lbs.)	LIST PRICE
				STD. B&N	R-BLUE <sup>1</sup> B&N				
4"	4" GRAP-IP	4: 3/4" x 3 1/2"	8#	\$81.90	\$95.67	4"	4" GR-IP	4#	\$58.51
6"	6" GRAP-IP	6: 3/4" x 4"	11#	99.41	116.80	6"	6" GR-IP	6#	71.13
8"	8" GRAP-IP	6: 3/4" x 4"	14#	139.47	156.86	8"	8" GR-IP	9#	104.99
10"	10" GRAP-IP	8: 3/4" x 4"	18#	242.13	265.31	10"	10" GR-IP	12#	198.69
12"	12" GRAP-IP	8: 3/4" x 4"	20#	256.85	280.04	12"	12" GR-IP	14#	208.74

<sup>1</sup> R-BLUE Bolts and Nuts, see page 10-3 for more information.

**TO ORDER:** Specify catalog number.