

ROMAC INDUSTRIES, INC.
GRIP RING™ PIPE RESTRAINER
4 THROUGH 12 INCH
SUBMITTAL INFORMATION

USE	The Romac Grip Ring is used for the restraint of mechanical joint pipe, valves, fittings, and fire hydrants in water distribution and fire protection lines. Grip Rings replace costly concrete thrust blocks, corrodible steel tie rods and clamps, and fittings using radial bolts or pads. Not for use on plain end mechanical joint fittings or Molecularly Oriented Polyvinylchloride (PVCO) AWWA C909-02.
PIPE COMPATIBILITY	Grip Rings may be used on most Ductile Iron, Cast Iron, PVC. See Grip Ring Pipe Restraint Application Chart for specific applications. Chart is on the back of the Grip Ring Installation Instructions or in the current Romac catalog under restraint system.
MATERIALS	
Gland (Follower)	Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12.
Ring	Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12. Heat treated using a proprietary process to assure proper penetration of rigid pipe materials.
Gap Cap	Heavy gauge 304 stainless steel (10 and 12 inch only).
Gasket	A standard MJ gasket is used with this fitting. See ANSI/AWWA C111/A21.11 for specifications. Transition gaskets may be used for steel (IPS) pipe size PVC.
Bolts and Nuts	Standard MJ tee-bolts and nuts are used with this fitting. See ANSI/AWWA C111/A21.11 for specifications.
Coatings and Colors	Shop coat applied to the castings for corrosion protection in transit. Glands are yellow to distinguish them from standard MJ fittings. Rings are color coded BLACK for Ductile Iron size and RED for IPS.
PERFORMANCE	May be used up to the pressure rating of the pipe when used on Ductile Iron, CI, and PVC pipe. See catalog and installation instructions
FM Approved	FM approved for cast iron and ductile iron pipe at 175 psi working pressure (4 : 1 test). Also approved for PVC C900 pipe at the pressure rating of the pipe.
UL Listed	UL listed for cast iron and ductile iron pipe at 350 psi working pressure. Also listed for PVC C900 pipe at the pressure rating of the pipe. UL reference number is 6M46
Uni-Bell UNI-B-13-92	UNI-B-13-92 is now governed by ASTM F 1674-96. The Grip Ring meets the requirements of F 1674-96

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This information is based on the best data available at the date printed above please check with Romac Engineering Department for any updates or changes.