

600 PIPE RESTRAINING SYSTEM

4" - 12"

SUBMITTAL INFORMATION



USE

The Series 600 is a multi-purpose pipe restraint system for PVC and ductile iron pipe joints. Configurations are available for use on bell and spigot joints, push-on fittings with restraint ears, mechanical joints, Romac Style 501 and 511 flex couplings. They are engineered to eliminate the need for thrust blocks or other methods of restraint. Not for use on polyethelene pipe, plain end mechanical joint fittings or steel pipe.

MATERIALS

CASTINGS

The restrainer rings are cast from ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12.

RESTRAINING FASTENERS

3/4" Restraining rods, T-bolts, heavy hex nuts, and coupling nuts are high strength low alloy steel meeting AWWA C111 composition specifications. National coarse thread. Allowable force per bolt is 7,500 pounds when properly installed.

CLAMPING FASTENERS

The 4" and 6" sizes use high strength low alloy steel trackhead bolts. Steel meets AWWA C111 composition specifications. National coarse rolled thread and heavy hex nuts. The 8" through 12" sizes use heavy hex Grade 8 bolts. Sizes 4" and 6" use 5/8", 8" 3/4", 10" and 12" use 7/8".

COATINGS

Shop coat applied to parts for corrosion protection in transit.

PRESSURE

When properly installed on the correct size pipe, the Romac Series "600" Restraining System can be used at these working pressures:

PIPE MATERIAL	*WORKING PRESSURE	TEST PRESSURE	SAFETY FACTOR
PVC	*up to 200 psi	1.25 times rating of pipe	2:1
Ductile Iron	150 psi	188 psi	2:1

* Working pressure of the pipe or 200 psi, whichever is less. For higher pressures contact Romac Engineering.

SIZES

4" - 12".

NOTE: Stainless steel bolts and rods available on request, please provide max pressure. Not available with 612 series.

FM APPROVAL

FM approved for AWWA C900 PVC pipe, 4 through 10 inch, at 150 psi working pressure and 225 test.

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



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