

400RG RESTRAINED COUPLING FOR DUCTILE IRON PIPE

SUBMITTAL INFORMATION



NOTE

Some initial axial movement may occur in lug style restraints as the lugs seat. Movement is directly related to the size of the piping system and the system pressure. In general terms movement of approximately 0.50 can be expected in restraints under 16". For larger sizes, movement of approximately 0.80 may be seen. If this is critical to your application please contact Romac Engineering for additional information.

MATERIALS

BODY

Made from ASTM A 36 steel.

RESTRAINT GLAND

Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12. Romac's RomaGrip is used in the 400RG see RomaGrip Submittal for technical information.

GASKETS

Gaskets are made from rubber compounded for water and sewer service in accordance with ASTM D 2000 MBA810Z. Other compounds are available for petroleum, chemical, or high temperature service.

BOLTS AND NUTS

ASTM A 193 Grade B7 all-thread-rod. Nuts per ASTM A 194 Grade 2H. Type 304 and 316 Stainless Steel bolt material optional.

COATINGS

Shop coat applied to parts for corrosion protection in transit. Fusion bonded epoxy, RomaGrip Romabond polyester (12" – 24"), liquid epoxy and other coatings available on request.

PRESSURE

When properly installed on a pipe that is within the coupling manufacturer's tolerances, Romac style 400RG sizes 12" – 16" are rated at 350 psi working pressure and 500 psi test pressure, sizes 18" – 48" are rated at 250 psi working and psi 400 test pressure.

SIZES

12 inch through 48 inch ductile iron pipe.