

FC400RG RESTRAINED FLANGE COUPLING 30" – 48"

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. For these larger sizes, movement of approximately 0.40 may be seen. If this is critical to your application please contact Romac Engineering for additional information.

MATERIALS

FLANGE

AWWA Class D Steel Ring Flange, compatible with ANSI Class 125 and 150 bolt circles.

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 FC400RG 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

High strength low alloy steel bolts and nuts. Steel

meets AWWA Standard C111. Type 304 and 316 Stainless Steel bolt material optional.

COATINGS

Shop coat applied to parts for corrosion protection in transit. Fusion bonded epoxy, liquid epoxy and other coatings available on body but not on gland.

PRESSURE

When properly installed on a pipe that is within the coupling manufacturer's tolerances, The Romac style FC400RG can work at pressures up to the maximum rating of the flange. AWWA Class D flanges this large are rated at 150 psi working pressure. Higher working pressures can be accommodated with AWWA Class E or F flanges. Consult your representative.

SIZES

For 30 inch through 48 inch ductile iron pipe.