

ROMAC INDUSTRIES, INC. STYLE FC400RG 30" – 48" RESTRAINED FLANGE COUPLING 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 and rated up to 250 psi working. Consult your representative.

SIZES

For 30 inch through 48 inch ductile iron pipe.