



400RG Restrained Coupling

Material Specifications

Body (Center Ring): Beveled, flared, or formed carbon steel meeting AWWA C219 Standard.

Gaskets: 14-24" sizes: A standard MJ gasket is used with this fitting. See ANSI/AWWA C111/A21.11 for gasket specs. For 12" and 30-48" sizes, SBR in accordance with ASTM D2000. Other compounds available for petroleum, chemical or high temperature service.

Glands: Romac RomaGrip™ (two required). See page 7-6.

Restraining Bolts: 7/8 –9 roll thread, Ductile (nodular) iron, meeting or exceeding ASTM A 536.

Restraining Lugs: Ductile (nodular) iron, meeting or exceeding ASTM A 536. Heat treated using a proprietary process.

Bolting: ASTM A193 Grade B7 all-thread-rod. Nuts per ASTM A194. Stainless steel bolts and nuts available on request.

Coatings: Shop coat applied to cast parts for corrosion protection in transit. Fusion bonded epoxy available on request.

Use: Ductile Iron Pipe 12 - 48", cast iron pipe 12" - 48" (same OD's as ductile iron) and IPS size STD steel pipe 12".

NOTES:

- 12" special Romac gasket works on both steel and D.I. ODs.
- For 3" - 10" sizes, Romac recommends a mechanical joint solid sleeve with 2 RomaGrip™ Accessory Packs (see page 7-6).



14" 400RG - Restrained Coupling

Also available with a flange end.
For a flanged 400RG, contact your Romac representative.



Not for use on PVC, HDPE pipe or plain-end mechanical joint fittings.
For applications on PVC, please contact your Romac representative.

NOM. PIPE SIZE	GASKET RANGE	MAX DEFLECTION	BOLTING QTY: SIZE	CATALOG NUMBER	LIST PRICE	WEIGHT (lbs.)
12"	12.75-13.20	10°	8: 3/4" x 18"	400RG - 13.20	\$1,693.42	120 #
14"	15.30	4°	10: 3/4" x 18"	400RG - 15.30	2,158.41	158 #
16"	17.40	4°	12: 3/4" x 18"	400RG - 17.40	2,572.33	186 #
18"	19.50	3°	12: 3/4" x 18"	400RG - 19.50	2,919.90	207 #
20"	21.60	3°	14: 3/4" x 18"	400RG - 21.60	3,327.48	234 #
24"	25.80	3°	16: 3/4" x 18"	400RG - 25.80	4,129.91	287 #
30"	32.00	2°	20: 1" x 22.5"	400RG - 32.00	5,405.34	725 #
36"	38.30	2°	24: 1" x 22.5"	400RG - 38.30	7,033.70	919 #
42"	44.50	2°	28: 1 1/4" x 25"	400RG - 44.50	11,070.04	1,394 #
48"	50.80	2°	32: 1 1/4" x 25"	400RG - 50.80	14,128.92	1,685 #

To Order: Specify Catalog Number. **Example:** For a 12" 400RG Order: **400RG- 13.20**



No Cancel, No Return Item



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 0.25" can be expected in restraints under 16". For larger sizes, movement of approximately 0.4" may be seen. If this is critical to your application please contact Romac Engineering for additional information.