



# 400RG & 400RG-PVC RESTRAINED COUPLINGS

RESTRAINT SYSTEMS

## 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 pages 8-6 and 8-7.

**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 parts for corrosion protection in transit. Fusion bonded epoxy, RomaGrip Romabond polyester, liquid epoxy and other coatings available on request.

- NOTES:**
1. 12" special Romac gasket works on both steel and D.I. ODs.
  2. For 3" - 10" sizes, Romac recommends a mechanical joint solid sleeve with 2 RomaGrip™ Accessory Packs (see page 8-6).



14" 400RG - RESTRAINED COUPLING FOR FLANGED END (FC400RG) OR OTHER CONFIGURATION, CONTACT YOUR ROMAC REPRESENTATIVE.



NSF61 certified upon request.

**MEETS AWWA C230**



Not for use on HDPE pipe or plain-end mechanical joint fittings.

## 400RG

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

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	\$2,044.80	120 #
14"	15.30	4°	10: 3/4" x 18"	400RG - 15.30	2,606.28	158 #
16"	17.40	4°	12: 3/4" x 18"	400RG - 17.40	3,106.09	186 #
18"	19.50	3°	12: 3/4" x 18"	400RG - 19.50	3,525.78	207 #
20"	21.60	3°	14: 3/4" x 18"	400RG - 21.60	4,017.93	234 #
24"	25.80	3°	16: 3/4" x 18"	400RG - 25.80	4,986.87	287 #
30"	32.00	2°	20: 1" x 22.5"	400RG - 32.00	6,526.95	725 #
36"	38.30	2°	24: 1" x 22.5"	400RG - 38.30	8,493.20	919 #
42"	44.50	2°	28: 1 1/4" x 25"	400RG - 44.50	13,367.08	1,394 #
48"	50.80	2°	32: 1 1/4" x 25"	400RG - 50.80	17,060.67	1,685 #

## 400RG-PVC

For use on C900 PVC and IPS PVC pipe 12". C905 PVC 14"-24"

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-PVC - 13.20	\$2,073.78	120 #
14"	15.30	4°	10: 3/4" x 18"	400RG-PVC - 15.30	2,702.88	170 #
16"	17.40	4°	12: 3/4" x 18"	400RG-PVC - 17.40	3,287.21	194 #
18"	19.50	3°	12: 3/4" x 18"	400RG-PVC - 19.50	3,888.03	231 #
20"	21.60	3°	14: 3/4" x 18"	400RG-PVC - 21.60	4,150.76	250 #
24"	25.80	3°	16: 3/4" x 18"	400RG-PVC - 25.80	5,733.11	315 #



No Cancel, No Return Item.

**TO ORDER:** Specify Catalog Number.

**EXAMPLE:** For a 12" 400RG Order: **400RG- 13.20**