



# 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:** 12–24" sizes: Romac RomaGrip™ and/or RomaGrip™ PVC (two required). See pages 8-6 and 8-7. 30-48" sizes: Import - Mechanical joint Retainer.

**RESTRAINING BOLTS:** 7/8 –9 roll thread, Ductile (nodular) iron, meeting or exceeding ASTM A536.

**RESTRAINING LUGS:** Ductile (nodular) iron, meeting or exceeding ASTM A536. 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:** Shopcoat applied to parts for corrosion protection in transit.  
 \*12"-24" Romacoat – FBE and Romabond polyester RomaGrip.  
 \*30"-48" Romacoat – FBE and with Shopcoat Romac Restraint. Liquid epoxy and other coatings available on request.

- NOTES:**
1. 12" special Romac gasket works on both steel and D.I. O.D.s.
  2. For 3"-10" sizes, Romac recommends a mechanical joint solid sleeve with 2 RomaGrip™ Accessory Packs (see page 8-6 & 8-7).



14" 400RG - RESTRAINED COUPLING  
 FOR OTHER CONFIGURATION, CONTACT YOUR ROMAC REPRESENTATIVE.

NSF61/372 certified upon request.



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 O.D.'s as ductile iron) and IPS size STD steel pipe 12".

NOM. PIPE SIZE	GASKET RANGE	MAX DFLCT.	BOLTING (Qty:Size)	CATALOG NUMBER	LIST PRICE						WT (lbs.)
					SHOPCOAT			EPOXY*			
					ALLOY	304 SS	316 SS	ALLOY	304 SS	316 SS	
12"	12.75-13.20	10°	8: ¾" x 18"	400RG - 13.20	\$3,404.59	\$4,048.61	\$4,696.10	\$3,646.77	\$4,290.79	\$4,938.27	120 #
14"	15.30	4°	10: ¾" x 18"	400RG - 15.30	4,339.46	5,144.48	5,953.84	4,634.58	5,439.60	6,248.96	158 #
16"	17.40	4°	12: ¾" x 18"	400RG - 17.40	5,171.64	6,137.67	7,108.90	5,503.32	6,469.36	7,440.59	186 #
18"	19.50	3°	12: ¾" x 18"	400RG - 19.50	5,870.42	6,836.46	7,807.68	6,228.30	7,194.33	8,165.56	207 #
20"	21.60	3°	14: ¾" x 18"	400RG - 21.60	6,689.85	7,816.89	8,949.99	7,000.64	8,127.68	9,260.78	234 #
24"	25.80	3°	16: ¾" x 18"	400RG - 25.80	8,303.14	9,591.18	10,886.15	8,839.00	10,127.05	11,422.02	287 #
30"	32.00	2°	20: 1" x 22.5"	400RG - 32.00	10,867.37	14,601.30	16,880.02	11,357.00	15,090.93	17,369.65	725 #
36"	38.30	2°	24: 1" x 22.5"	400RG - 38.30	14,141.18	18,621.89	21,356.36	14,653.86	19,134.58	21,869.04	919 #
42"	44.50	2°	28: 1¼" x 25"	400RG - 44.50	22,256.19	33,189.51	40,979.71	23,559.02	34,492.34	42,282.54	1,394 #
48"	50.80	2°	32: 1¼" x 25"	400RG - 50.80	28,406.02	40,901.24	49,804.33	30,582.40	43,077.63	51,980.72	1,685 #

## 400RG-PVC

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

NOM. PIPE SIZE	GASKET RANGE	MAX DFLCT.	BOLTING (Qty:Size)	CATALOG NUMBER	LIST PRICE						WT (lbs.)
					SHOPCOAT			EPOXY*			
					ALLOY	304 SS	316 SS	ALLOY	304 SS	316 SS	
12"	12.75-13.20	10°	8: ¾" x 18"	400RG-PVC - 13.20	\$3,452.84	\$4,096.87	\$4,744.35	\$3,695.02	\$4,339.04	\$4,986.53	120 #
14"	15.30	4°	10: ¾" x 18"	400RG-PVC - 15.30	4,500.30	5,305.32	6,114.68	4,795.42	5,600.44	6,409.80	170 #
16"	17.40	4°	12: ¾" x 18"	400RG-PVC - 17.40	5,473.20	6,439.24	7,410.47	5,804.89	6,770.92	7,742.15	194 #
18"	19.50	3°	12: ¾" x 18"	400RG-PVC - 19.50	6,473.57	7,439.62	8,410.85	6,831.46	7,797.49	8,768.72	231 #
20"	21.60	3°	14: ¾" x 18"	400RG-PVC - 21.60	6,911.02	8,038.04	9,171.14	7,221.79	8,348.83	9,481.93	250 #
24"	25.80	3°	16: ¾" x 18"	400RG-PVC - 25.80	9,545.63	10,833.67	12,128.64	10,081.49	11,369.54	12,664.51	315 #

**TO ORDER:** Specify Catalog Number.

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



No Cancel, No Return Item.