FC400RG & FC400RG-PVC
RESTRAINED FLANGED COUPLING

ROMAC INDUSTRIES, INC.

MATERIAL SPECIFICATIONS

MADE IN U.S.A.

FLANGED BODY: Beveled, flared, or formed carbon steel with minimum yield of 30,000 PSI.

FLANGES: AWWA C207 Class D, meets the dimensional requirements of ANSI Class 125 and 150 bolt circles. Higher pressure rating flanges available. Bolts, nuts and gaskets for flange end not supplied.

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.

GLAND: Romac RomaGrip™. See pages 8-6 and 8-7.

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 rods and nuts available on request.

COATINGS: Shopcoat applied to parts for corrosion protection in transit. Romacoat – FBE NSF 61 certified body and Romabond Polyester RG available on request.

NOTES: 12" special Romac gasket works on both steel and D.I. O.D.s.

NSF61 certified upon request.

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

For reducing FC400RG or other configuration, contact your Romac representative.

FC400RG 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"

NOMINAL PIPE SIZE	GASKET RANGE	MAX DEFLECTION	BOLTING (Qty: Size x LG)	CATALOG NUMBER	LIST PRICE	WEIGHT (lbs.)
12"	12.75-13.20	5°	8: ¾"x 12"	FC400RG - 13.20	$4,643.35	145
14"	15.30	2°	10: ¾" x 12"	FC400RG - 15.30	6,137.66	187
16"	17.40	2°	12 : ¾" x 12"	FC400RG - 17.40	7,502.64	222
18"	19.50	1.5°	12 : ¾" x 12"	FC400RG - 19.50	9,658.53	258
20"	21.60	1.5°	14 : ¾" x 12"	FC400RG - 21.60	10,097.54	294
24"	25.80	1.5°	16 : ¾" x 12"	FC400RG - 25.80	12,598.84	369
30"	32.00	1°	20: 1" x 12"	FC400RG - 32.00	18,183.50	730
36"	38.30	1°	24: 1" x 12"	FC400RG - 38.30	25,230.08	1,036
42"	44.50	1°	28: 1¼"x 12"	FC400RG - 44.50	38,806.29	1,449
48"	50.80	1°	32: 1¼"x 12"	FC400RG - 50.80	51,528.10	1,759

FC400RG-PVC For use on C900 PVC and IPS PVC pipe 12", C905 PVC 14"– 24"

NOMINAL PIPE SIZE	GASKET RANGE	MAX DEFLECTION	BOLTING (Qty: Size x LG)	CATALOG NUMBER	LIST PRICE	WEIGHT (lbs.)
12"	12.75-13.20	5°	8: ¾"x 12"	FC400RG-PVC - 13.20	$4,691.60	150
14"	15.30	2°	10: ¾" x 12"	FC400RG-PVC - 15.30	6,298.50	191
16"	17.40	2°	12 : ¾" x 12"	FC400RG-PVC - 17.40	7,804.20	227
18"	19.50	1.5°	12 : ¾" x 12"	FC400RG-PVC - 19.50	10,628.72	268
20"	21.60	1.5°	14 : ¾" x 12"	FC400RG-PVC - 21.60	11,901.29	301
24"	25.80	1.5°	16 : ¾" x 12"	FC400RG-PVC - 25.80	13,841.33	381

TO ORDER: Specify catalog number.
EXAMPLE: For a 12" FC400RG Order: **FC400RG-13.20**

⚠ No Cancel, No Return Item.

Manufactured with Domestic and Import material. For Domestic requirements please contact our Quotations Department.

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