

RFCA FOR PVC PIPE



MATERIAL SPECIFICATIONS

FLANGE BODY: Ductile (nodular) iron, meeting or exceeding ASTM A536, Grade 65-45-12. Flange meets the dimensional requirements of ANSI Class 125 and 150 bolt circles. See page 10-6 for optional filler flange.

GASKETS: Compounded for water and sewer service in accordance with ASTM D2000 (Flange gasket is o-ring style, NBR standard). Other compounds available for petroleum, chemical, or high temperature service.

GLAND: Romac RomaGrip™ for PVC (see page 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.

GLAND BOLTS AND NUTS: High strength low alloy steel T-head bolt. National coarse rolled thread and heavy hex nut. Steel meets AWWA C111 composition specifications. Stainless steel bolts and nuts available on request, this option will be provided as all thread rod and two nuts.

COATINGS: Shop coat applied to cast parts for corrosion protection in transit. Romacoat – FB body and Romabond Polyester RG available on request.

USE:

C900: 4-12" sizes (SDR 14 - SDR 25), 14-24" Sizes (SDR 14 - SDR 41).

C909: 4-12" sizes only (Not for use on 14-24" size C909).

IPS PVC: 3-12 sizes; CLS 160, CLS 200, Sch. 40, and Sch. 80 only. (Not for use on 14-24" IPS PVC)

See table on applicable Installation Instructions for pressure ratings and additional information.



NSF61 certified upon request.

**MEETS
AWWA C219**

FLANGED COUPLING

NOM. PIPE SIZE	GASKET RANGE	LENGTH	GLAND BOLTS QTY: SIZE	CATALOG NUMBER	LIST PRICE				WEIGHT (lbs.)
					SHOPCOAT w/STD. B&N	SHOPCOAT w/304 SS B&N	FUSION EPOXY w/STD. B&N	FUSION EPOXY w/304 SS B&N	
3"	3.50	8"	4: 5/8" x 3"	RFCA-PVC-3.50	\$405.63	\$422.29	\$442.01	\$473.63	25
4"	4.50-4.80	9"	4: 3/4" x 3 1/2"	RFCA-PVC-4.80	491.13	559.34	555.33	623.54	33
6"	6.63-6.90	9.25"	6: 3/4" x 3 1/2"	RFCA-PVC-6.90	647.27	749.61	734.18	836.51	47
8"	8.63-9.05	9.25"	6: 3/4" x 3 1/2"	RFCA-PVC-9.05	844.80	947.15	949.95	1,052.30	60
10"	10.75-11.10	10.25"	8: 3/4" x 3 1/2"	RFCA-PVC-11.10	1,601.53	1,738.01	1,830.85	1,967.30	83
12"	12.75-13.20	10.25"	8: 3/4" x 3 1/2"	RFCA-PVC-13.20	1,676.84	1,813.32	1,958.41	2,094.52	110
14"	15.30	11.7"	10: 3/4" x 4 1/2"	RFCA-PVC-15.30	2,401.56	2,570.36	2,761.59	2,930.37	170
16"	17.40	11.7"	12: 3/4" x 4 1/2"	RFCA-PVC-17.40	3,309.04	3,510.27	3,790.76	3,991.97	200
18"	19.50	11.8"	12: 3/4" x 4 1/2"	RFCA-PVC-19.50	3,798.28	4,007.21	4,339.76	4,548.68	217
20"	21.60	11.8"	14: 3/4" x 4 1/2"	RFCA-PVC-21.60	4,207.95	4,454.29	4,891.25	5,137.56	256
24"	25.80	12"	16: 3/4" x 5"	RFCA-PVC-25.80	5,038.19	5,348.25	5,811.75	6,121.79	305

TO ORDER: Specify catalog number.

EXAMPLE: For a 12" RFCA Order: **RFCA-PCV - 13.20**

NOTE: 4" - 12" special Romac gasket works on both IPS and C-900 O.D.s.

Not for use on metal or HDPE pipe. For applications on steel or ductile iron, see page 4-7.