



# STYLE FC400 STEEL FLANGED COUPLING ADAPTER

## MATERIAL SPECIFICATIONS

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

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

**END RINGS:** Contoured rolled mill section carbon steel. End ring thickness determined by pipe O.D. and pressure rating.

**GASKETS:** Compounded for water and sewer service. Meets the requirements of AWWA C219 and ASTM D2000. Other compounds available on request.

**PAINT:** Romac shopcoat for corrosion protection in transit.

**BOLTS & NUTS:** Trackhead bolts, heavy hex nuts, 5/8" UNC rolled thread, high strength, low alloy corrosion-resistant steel per AWWA C111. Threads protected with plastic caps on each bolt end.

**ANCHOR PINS:** Used for pipe restraint. For use on 12" and larger steel, cast iron and ductile iron pipe with a minimum pipe wall thickness of 1/4".

**SPECIALS:** Larger sizes, special lay lengths, special linings and coatings, available on request.

**OPTION:** For other options and specifications, see page 3-25 & 3-26.

**USE:** To provide a flexible flanged end in connecting pipe; installing valves on fittings. When the specific O.D.s are not known, limited ranges can be accommodated; contact Romac for assistance.



Flexible couplings do not provide protection against possible pullout of pipe ends in unrestrained conditions.



NSF61 certified upon request.

MEETS  
AWWA C219

NOM. PIPE SIZE	PIPE O.D.	DIMENSION (inches)						APPROX. WT. (lbs.)	CATALOG NUMBER	LIST PRICE					
		A <sup>1</sup>	B	D	L	SHOPCOAT				FUSION EPOXY					
						w/STD B&N	w/304 SS B&N			w/316 SS B&N	w/STD B&N	w/304 SS B&N	w/316 SS B&N		
12"	13.20	1/4	10 13/16	18 7/16	12 3/16	88	FC400-13.20-12	\$2,101.86	\$2,283.61	\$2,439.13	\$2,502.83	\$2,687.44	\$2,840.11		
	14.00	1/4	10 15/16	19 1/4	12 1/4	105	FC400-14.00-14	2,377.15	2,561.75	2,714.42	2,781.00	2,965.58	3,118.26		
14"	15.30	1/4	10 15/16	20 3/16	12 1/4	111	FC400-15.30-14	2,470.11	2,700.83	2,891.71	2,873.97	3,104.68	3,295.57		
	15.65	1/4	10 15/16	20 15/16	12 1/4	112	FC400-15.65-14	2,521.88	2,752.59	2,943.47	2,925.75	3,156.44	3,347.33		
16"	16.00	1/4	11	21 1/4	12 3/8	127	FC400-16.00-16	2,660.84	2,628.69	3,082.45	3,135.39	3,366.08	3,556.99		
	17.40	1/4	11	22 11/16	12 3/8	132	FC400-17.40-16	2,990.92	3,221.61	3,412.50	3,465.45	3,696.17	3,887.04		
	17.80	1/4	11	23 1/16	12 3/8	133	FC400-17.80-16	3,068.25	3,298.93	3,489.82	3,542.75	3,773.51	4,195.08		
18"	18.00	1/4	11 1/16	23 1/4	12 1/2	138	FC400-18.00-18	3,161.02	3,391.72	3,582.60	3,702.29	3,933.00	4,354.59		
	19.50	1/4	11 1/16	24 3/4	12 1/2	144	FC400-19.50-18	3,594.25	3,871.09	4,146.17	4,135.54	4,420.97	4,926.87		
20"	20.00	1/4	11 1/8	25 1/4	12 5/8	163	FC400-20.00-20	3,785.23	4,062.03	4,291.14	4,395.77	4,672.62	5,178.52		
	21.60	1/4	11 1/8	26 7/8	12 5/8	168	FC400-21.60-20	4,316.13	4,592.97	4,822.04	4,926.67	5,203.52	5,709.42		
24"	24.00	1/4	11 1/4	29 1/4	12 3/4	212	FC400-24.00-24	4,651.34	4,974.44	5,241.59	5,474.60	5,797.68	6,387.94		
	25.80	1/4	11 1/4	31 1/16	12 3/4	218	FC400-25.80-24	4,981.36	5,304.46	5,571.59	5,804.64	6,127.70	6,717.93		
30"	30.00	1/4	11 3/8	35 5/16	12 3/4	290	FC400-30.00-30	5,855.95	6,303.92	6,530.46	7,160.97	7,608.98	8,283.51		
	32.00	1/4	11 3/8	37 5/16	12 15/16	297	FC400-32.00-30	5,916.49	6,364.51	8,111.01	7,221.54	7,669.52	8,344.08		
36"	36.00	1/4	11 5/8	41 5/16	13 5/32	420	FC400-36.00-36	7,352.16	7,889.69	8,111.01	8,829.78	9,367.36	10,126.20		
	38.30	1/4	13 5/8	43 3/16	15 5/32	428	FC400-38.30-36	7,508.68	8,046.25	8,267.54	8,986.32	9,523.88	10,282.74		
42"	42.00	1/4	11 3/4	46 15/16	13 7/8	550	FC400-42.00-42	11,034.42	11,463.66	12,303.97	13,204.33	13,633.57	14,473.88		
	44.50	1/4	13 3/4	49 7/16	15 7/8	580	FC400-44.50-42	11,145.88	11,575.11	12,428.26	13,337.70	13,796.91	14,620.08		
48"	48.00	1/4	11 7/8	52 15/16	14 1/100	671	FC400-48.00-48	12,596.26	13,068.42	13,992.77	15,073.38	15,545.54	16,469.88		
	50.80	1/4	11 7/8	52 15/16	14 1/100	739	FC400-50.80-48	14,721.50	15,193.66	16,465.12	17,223.59	17,695.79	18,634.25		

<sup>1</sup> For use with anchor pins, "A" dimension will be 3/8".  
Prices and availability on request.

For pipes smaller than 12", please refer to Romac Style "FCA501" on Page 4-2. For sizes larger than 48", consult your representative. Reducing FC's available on request.

**TO ORDER:** Determine pipe O.D. and flange size.

**EXAMPLE:** The pipe end to be coupled is 16" D.I. with an O.D. of 17.40 and a flange of 16" class "D", order **FC400-17.40-16**

