



**ROMAC  
INDUSTRIES,  
INC.**

1-800-426-9341



## 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 and Nuts:** Trackhead bolts, heavy hex nuts,  $\frac{5}{8}$ " 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 and ductile iron pipe, pipe wall thickness greater than  $\frac{1}{4}$ " is recommended.

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

**Option:** For other options and specifications, see page 2-27.

**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 factory for assistance.

Meets AWWA C219



NOM. PIPE & FLANGE SIZE	PIPE O.D.	DIMENSION (inches)				APPROX. WEIGHT (lbs.)	CATALOG NUMBER	LIST PRICE					
								SHOPCOAT			FUSION EPOXY		
		A <sup>1</sup>	B	D	L			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	\$1,005.24	\$1,092.16	\$1,166.54	\$1,197.01	\$1,285.30	\$1,358.31
14"	14.00	1/4	10 15/16	19 1/4	12 1/4	105 #	FC400-14.00-14	1,136.89	1,225.18	1,298.20	1,330.04	1,418.32	1,491.35
14"	15.30	1/4	10 15/16	20 9/16	12 1/4	111 #	FC400-15.30-14	1,181.36	1,291.70	1,382.99	1,374.51	1,484.85	1,576.14
14"	15.65	1/4	10 15/16	20 15/16	12 1/4	112 #	FC400-15.65-14	1,206.12	1,316.46	1,407.75	1,399.27	1,509.61	1,600.90
16"	16.00	1/4	11	21 1/4	12 3/8	127 #	FC400-16.00-16	1,272.58	1,382.92	1,474.21	1,499.54	1,609.87	1,701.17
16"	17.40	1/4	11	22 11/16	12 3/8	132 #	FC400-17.40-16	1,430.44	1,540.77	1,632.07	1,657.39	1,767.73	1,859.02
16"	17.80	1/4	11	23 1/16	12 3/8	133 #	FC400-17.80-16	1,467.42	1,577.75	1,669.05	1,694.37	1,804.72	2,006.35
18"	18.00	1/4	11 1/16	23 1/4	12 1/2	138 #	FC400-18.00-18	1,511.79	1,622.13	1,713.42	1,770.66	1,881.00	2,082.63
18"	19.50	1/4	11 1/16	24 3/4	12 1/2	144 #	FC400-19.50-18	1,718.99	1,851.39	1,982.95	1,977.87	2,114.38	2,356.33
20"	20.00	1/4	11 1/8	25 1/4	12 5/8	163 #	FC400-20.00-20	1,810.33	1,942.72	2,052.28	2,102.33	2,234.73	2,476.68
20"	21.60	1/4	11 1/8	26 7/8	12 5/8	168 #	FC400-21.60-20	2,064.24	2,196.63	2,306.19	2,356.24	2,488.64	2,730.60
24"	24.00	1/4	11 1/4	29 1/4	12 3/4	212 #	FC400-24.00-24	2,224.56	2,379.08	2,506.85	2,618.30	2,772.81	3,055.10
24"	25.80	1/4	11 1/4	31 1/16	12 3/4	218 #	FC400-25.80-24	2,382.39	2,536.91	2,664.67	2,776.13	2,930.64	3,212.92
30"	30.00	1/4	11 3/8	35 5/16	12 3/4	290 #	FC400-30.00-30	2,800.67	3,014.92	3,123.27	3,424.82	3,639.08	3,961.68
30"	32.00	1/4	11 3/8	37 5/16	12 15/16	297 #	FC400-32.00-30	2,829.63	3,043.89	3,152.24	3,453.78	3,668.04	3,990.65
36"	36.00	1/4	11 5/8	41 5/16	13 5/32	420 #	FC400-36.00-36	3,516.25	3,773.33	3,879.18	4,222.94	4,480.04	4,842.97
36"	38.30	1/4	11 5/8	43 9/16	13 5/32	428 #	FC400-38.30-36	3,591.12	3,848.21	3,954.05	4,297.81	4,554.90	4,917.84

<sup>1</sup> For use with anchor pins, "A" dimension will be  $\frac{3}{8}$ ".

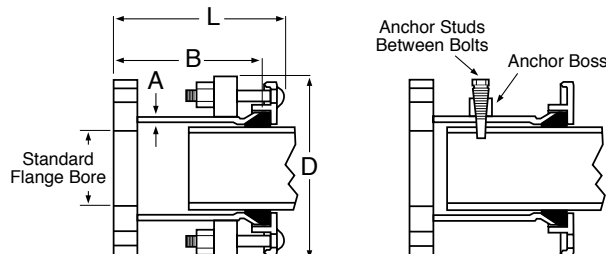
Prices and availability on request.

Other sizes available. Price on application.

For pipes smaller than 12", please refer to Romac Style "FCA501" on Page 2-10. For sizes larger than 36", consult your representative. Reducing FC's available on request.

**To Order:** Determine pipe OD 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**



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