



LXI Products meet  
ANSI/NSF Standard 61  
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# Ford Couplings

Style FC1

Suggested uses for Ford FC1 Couplings include water main repair, joining of plain end pipe, valve and hydrant installation, and flexible joint installation at critical areas of water main stress.

The FC1 Couplings are constructed entirely of ductile iron components permitting a strong, durable connection.

**Only the FC1 offers one gasket and end ring that fits all PVC and ductile iron pipe in the most popular sizes: 4", 6", and 8".** Gasket ranges are embossed on each gasket for easy identification. End rings are color coded to match the color embossed on each gasket.

Style FC1 for Cast, Ductile Iron or PVC Pipe

NOM. PIPE SIZE	GASKET RANGE		END RING COLOR CODE	BY	GASKET RANGE		END RING COLOR CODE	CENTER SLEEVE LENGTH	NUMBER OF BOLTS	APPROX. WEIGHT LBS
	1ST. HALF CAT. No.	2ND HALF CAT. No.			1ST. HALF CAT. No.	2ND HALF CAT. No.				
2"	2.34 — 2.63	2.63	Red	X	2.34 — 2.63	2.63	Red	4"	2	6
2 1/2"	See 2" FC2A on next page									
4"	4.00 — 4.80	4.80	Red	X	4.00 — 4.80	4.80	Red	5"	3	14
	4.80 — 5.10	5.10	Black		4.80 — 5.10	5.10	Black			
	6.00 — 6.00	6.00	Red		6.00 — 6.00	6.00	Red			
6"	6.30 — 6.30	6.30	Red	X	6.30 — 6.30	6.30	Red	5"	4	20
	6.63 — 6.90	6.90	Red		6.63 — 6.90	6.90	Red			
	6.90 — 7.20	7.20	Black		6.90 — 7.20	7.20	Black			
8"	8.00 — 8.00	8.00	Red	X	8.00 — 8.00	8.00	Red	5"	5	29
	8.16 — 8.40	8.40	Red		8.16 — 8.40	8.40	Red			
	8.63 — 9.05	9.05	Red		8.63 — 9.05	9.05	Red			
10"	9.05 — 9.40	9.40	Black	X	9.05 — 9.40	9.40	Black	6"	6	41.5
	10.20 — 10.50	10.50	Red		10.20 — 10.50	10.50	Red			
	10.75 — 10.75	10.75	Red		10.75 — 10.75	10.75	Red			
12"	11.10 — 11.46	11.46	Black	X	11.10 — 11.46	11.46	Black	6"	7	54.5
	12.24 — 12.50	12.50	Red		12.24 — 12.50	12.50	Red			
	12.75 — 12.75	12.75	Red		12.75 — 12.75	12.75	Red			
12"	13.20 — 13.56	13.56	Black	X	13.20 — 13.56	13.56	Black	6"	7	54.5

**To Order:** Locate the gasket range that accommodates your pipe O.D. for both pipe ends. Use the top range of each gasket size to determine the part number. For example: to connect pipe with an O.D. of 6.63 to a pipe with an O.D. of 7.10, the catalog number is FC1-690-720.

- Options:** **SH** Standard coated coupling with Type 304 stainless steel nuts and bolts: add "-SH" to the catalog number.  
**ESH** Epoxy coated coupling with Type 304 stainless steel nuts and bolts: add "-ESH" to the catalog number.  
**BBN** Blue fluorocarbon coating on HSLA nuts and bolts. Add "-BBN" to catalog number.  
**N** NBR (Buna-N) gasket, standard coated coupling and standard alloy bolts. Add "-N" to the catalog number.  
**Example:** FC1-690-720-ESH is an FC1 coupling with epoxy coating and stainless steel nuts and bolts.

## Component Parts for Style FC1 Couplings

NOM. PIPE SIZE	GASKET CAT. No.	END RING CAT. No.	CENTER SLEEVE CAT. No.	BOLT AND NUT CAT. No.
2"	FC1G-234-263	FC1-RER-2	FC1-CS-2	FBN-58-65
	FC1G-400	FC1-RER-4		
4"	FC1G-450-480	FC1-RER-4	FC1-CS-4	FBN-58-8
	FC1G-480-510	FC1-BER-4		
6"	FC1G-600	FC1-RER-6	FC1-CS-6	FBN-58-8
	FC1G-630	FC1-RER-6		
	FC1G-663-690	FC1-RER-6		
	FC1G-690-720	FC1-BER-6		
8"	FC1G-800	FC1-RER-8	FC1-CS-8	FBN-58-8
	FC1G-816-840	FC1-RER-8		
	FC1G-863-905	FC1-RER-8		
10"	FC1G-905-940	FC1-BER-8	FC1-CS-10	FBN-58-9
	FC1G-1020-1050	FC1-RER-10		
	FC1G-1075	FC1-RER-10		
12"	FC1G-1110-1146	FC1-BER-10	FC1-CS-12	FBN-58-9
	FC1G-1224-1250	FC1-RER-12		
	FC1G-1275	FC1-RER-12		
12"	FC1G-1320-1356	FC1-BER-12		

**To Order:** Order by catalog number from the table.

**Caution:** Restrain if necessary to provide thrust resistance.  
Flexible couplings do not prevent axial pipe movement.

# Ford Transition Couplings

Style FC2A



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Ford Iron Transition Couplings provide a convenient method of joining two pipes of the same nominal size but with different O.D.s. Gaskets are embossed and End Rings are color coded for easy identification. End Rings are color coded for various pipe sizes per the following chart. The gaskets are identified with the exact O.D. range and the End Ring color with which it is to be used. Generally Red signifies use on steel size PVC, Black for iron pipe and Class 150 A/C, and White/Gray for Class 200 A/C. See the table below for exact ranges. Larger, Fabricated Steel Couplings are detailed in Catalog Section N.

Rated: 250 psi working pressure (sizes 2" - 12")  
150 psi working pressure (sizes 14" - 24")

**Caution:** Restrain if necessary to provide thrust resistance.  
Flexible couplings do not prevent axial pipe movement.

NOM. PIPE SIZE	GASKET RANGE		END RING COLOR CODE	BY	GASKET RANGE		END RING COLOR CODE	CENTER SLEEVE LENGTH	NUMBER OF BOLTS	APPROX. WEIGHT LBS
	1ST. HALF CAT. No.	2ND HALF CAT. No.			1ST. HALF CAT. No.	2ND HALF CAT. No.				
2"	2.30 — 2.45	2.45	Black	X	2.30 — 2.45	2.45	Black	4"	2	9
	2.40 — 2.65	2.65	Black		2.40 — 2.65	2.65	Black			
	2.65 — 2.88	2.88	Black		2.65 — 2.88	2.88	Black			
3"	3.13 — 3.13	3.13	Red	X	3.13 — 3.13	3.13	Red	4"	3	14
	3.45 — 3.60	3.60	Red		3.45 — 3.60	3.60	Red			
	3.70 — 3.88	3.88	Black		3.70 — 3.88	3.88	Black			
	3.91 — 4.06	4.06	Black		3.91 — 4.06	4.06	Black			
	4.07 — 4.20	4.20	Black		4.07 — 4.20	4.20	Black			
4"	4.00 — 4.00	4.00	Red	X	4.00 — 4.00	4.00	Red	5"	3	16
	4.50 — 4.50	4.50	Red		4.50 — 4.50	4.50	Red			
	4.80 — 5.14	5.14	Black		4.80 — 5.14	5.14	Black			
	5.15 — 5.57	5.57	White/Gray		5.15 — 5.57	5.57	White/Gray			
6"	6.00 — 6.00	6.00	Red	X	6.00 — 6.00	6.00	Red	5"	4	24
	6.63 — 6.63	6.63	Red		6.63 — 6.63	6.63	Red			
	6.90 — 7.20	7.20	Black		6.90 — 7.20	7.20	Black			
	7.21 — 7.56	7.56	White/Gray		7.21 — 7.56	7.56	White/Gray			
8"	8.00 — 8.00	8.00	Red	X	8.00 — 8.00	8.00	Red	5"	5	34
	8.63 — 8.63	8.63	Red		8.63 — 8.63	8.63	Red			
	9.05 — 9.40	9.40	Black		9.05 — 9.40	9.40	Black			
	9.40 — 9.74	9.74	White/Gray		9.40 — 9.74	9.74	White/Gray			
10"	10.00 — 10.00	10.00	Red	X	10.00 — 10.00	10.00	Red	6"	6	48
	10.75 — 10.75	10.75	Red		10.75 — 10.75	10.75	Red			
	11.10 — 11.40	11.40	Black		11.10 — 11.40	11.40	Black			
	11.42 — 11.77	11.77	Black		11.42 — 11.77	11.77	Black			
	11.77 — 12.12	12.12	White/Gray		11.77 — 12.12	12.12	White/Gray			
12"	12.00 — 12.00	12.00	Black	X	12.00 — 12.00	12.00	Black	6"	7	62
	12.75 — 12.75	12.75	Black		12.75 — 12.75	12.75	Black			
	13.20 — 13.50	13.50	Black		13.20 — 13.50	13.50	Black			
	13.69 — 14.04	14.04	White/Gray		13.69 — 14.04	14.04	White/Gray			
	14.03 — 14.38	14.38	White/Gray		14.03 — 14.38	14.38	White/Gray			
14"	15.30 — 15.70	15.70	Black	X	15.30 — 15.70	15.70	Black	6"	9	83
	16.00 — 16.35	16.35	Red		16.00 — 16.35	16.35	Red			
	16.40 — 16.88	16.88	White/Gray		16.40 — 16.88	16.88	White/Gray			
16"	17.40 — 17.80	17.80	Black	X	17.40 — 17.80	17.80	Black	6"	10	103
	18.45 — 18.97	18.97	White/Gray		18.45 — 18.97	18.97	White/Gray			
	18.90 — 19.20	19.20	White/Gray		18.90 — 19.20	19.20	White/Gray			
18"	19.50 — 20.00	20.00	Black	X	19.50 — 20.00	20.00	Black	7"	11	111
20"	21.60 — 22.06	22.06	Black	X	21.60 — 22.06	22.06	Black	7"	12	125
24"	25.80 — 26.32	26.32	Black	X	25.80 — 26.32	26.32	Black	10"	14	183

**To Order:** Locate the gasket range that accommodates your pipe O.D. for both ends of pipe. Use the top range of each gasket size to determine the part number. For example: to connect pipe with an O.D. of 6.90 to a pipe with an O.D. of 7.37, the catalog number is FC2A-720-756.

- Options:** **SH** Standard coated coupling with Type 304 stainless steel nuts and bolts: add "-SH" to the catalog number.  
**ESH** Epoxy coated coupling with Type 304 stainless steel nuts and bolts: add "-ESH" to the catalog number.  
**BBN** Blue fluorocarbon coating on HSLA nuts and bolts. Add "-BBN" to catalog number.  
**N** NBR (Buna-N) gasket, standard coated coupling and standard alloy bolts. Add "-N" to the catalog number.

**Example for above options:** FC2A-690-720-ESH is an FC2A coupling with epoxy coating and stainless steel nuts and bolts.

**Gasket for SDR 35 Sewer Pipe:** Gaskets are available in following sizes : 4.22", 6.23", 8.40", 10.50" and 12.50". Use these sizes as part of the catalog number.