




1" THROUGH 24"

Specifications

- COOPLOK™ grooved couplings and cast fittings through 12" are UL Listed and FM Approved for use on schedule 10, schedule 40 steel pipe and sprinkler pipe (see below)
- Not for use in steam applications
- 16" through 24" fittings available upon request
- Canadian Registration Numbers available at www.smithcooper.com
- Manufacturing facility is ISO 9001:2000
- Quality management inspections at both the factory and our warehouses
- For your protection, the  logo is marked on cast fittings, couplings, bolts, and gaskets
- Ductile iron conforms to ASTM A-536
- Groove dimension conforms to AWWA C606
- Electroplated track bolts conform to ASTM A-183 with a minimum tensile strength of 110,000 psi
- Magnetic particle inspection of each bolt
- Coatings of orange paint or hot dipped galvanized conforming to ASTM A153
- Gasket Grade E EPDM (green stripe) -30°F (-34°C) to +230°F (+110°C)
- Gasket Grade T Nitrile (orange stripe) -20°F (-29°C) to +180°F (+82°C)
- Replacement part list available at www.smithcooper.com

Sprinkler Pipe Approvals

SCI COOPLOK™ Grooved Couplings are UL Listed and FM Approved for use with the following types of sprinkler pipe:*

PIPE NAME	MANUFACTURER
Dyna-Thread®, Central-Thread®, XL®, XL-II®, Dyna-Flow®, Super 40®, Super-Flo, TL®, Central 7®, BLT®	Allied Tube and Conduit Corp.
Eddylite®, Eddy Flow®, Eddy Thread 40®	Bull Moose Tube Co.
Gal-7®	IDOD Systems Co.
EZ-Flow®	Northwest Pipe & Casing Co.
WLS®, Mega-Flow®, Mega-Thread®, MLT®, GL®	Wheatland Tube Company
Steady Flow®, Steady Thread®	Welded Tube Corp.
Fire-Flo®, EZ-Thread®	Youngstown Tube Co.
Tex-Flow®	Tex-Tube International
SPS Flow®	Yieh Phui Enterprise Co. Ltd.


**Includes any manufacturer of schedule 10 or schedule 40 steel pipe.*

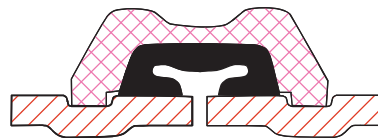
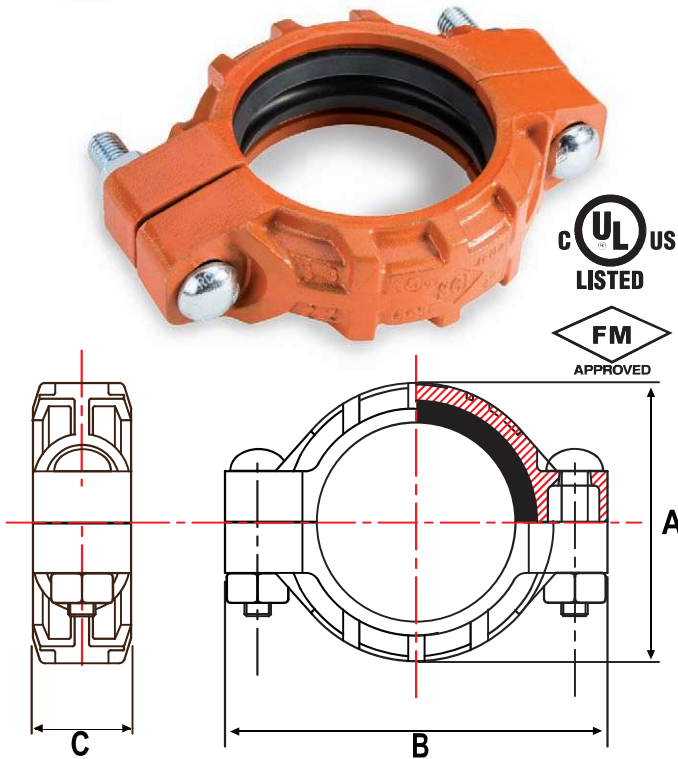


Standard Weight Flexible Couplings

Fig. 65SF & 66SF

Standard Weight Flexible Coupling with “C” Gasket

- Maximum working pressure depending on the size and schedule of the pipe being used:
 - 1" to 6" - 1000 psi (68.9 bar)
 - 8" to 12" - 800 psi (55.1 bar)
 - 14" to 20" - 300 psi (20.6 bar)
 - 24" - 250 psi (17.2 bar)
- 14" and larger are not UL Listed or FM Approved
- All bolts, gaskets and housings identified by SCI logo
- Gaskets are pre-lubricated
- Gasket Grade E EPDM (green stripe) -30°F (-34°C) to +230°F (+110°C)
- Gasket Grade T Nitrile (orange stripe) -20°F (-29°C) to +180°F (+82°C)
- Other gasket materials available by special order
- Ductile iron housings conform to ASTM A-536
- Groove dimensions to AWWA C606
- Orange paint or hot dipped galvanized conforming to ASTM A153
- Smith-Cooper Warranty only applies to assemblies made with gaskets, housings and bolts carrying the  logo



“C” Style Gasket

Pipe Size IN / mm	Part Number		Pipe OD IN / mm	Max Pipe End Gap IN / mm	Dimensions			Number of Sections	Case Qty	Weight LB / kg
	Painted	Galvanized			A IN / mm	B IN / mm	C IN / mm			
1 25	65SF3010	66SF3010	1.315 33.7	1/8 3.2	2.34 59.5	3.94 100.0	1.73 44.0	2	40	1.2 0.5
1-1/4 32	65SF3012	66SF3012	1.660 42.4	1/8 3.2	2.70 68.5	4.41 112.0	1.89 48.0	2	24	2.0 0.9
1-1/2 40	65SF3014	66SF3014	1.900 48.3	1/8 3.2	2.93 74.5	4.69 119.0	1.89 48.0	2	24	2.1 1.0
2 50	65SF3020	66SF3020	2.375 60.3	1/8 3.2	3.48 88.5	5.20 132.0	1.61 41.0	2	20	2.6 1.2
2-1/2 65	65SF3024	66SF3024	2.875 73.0	1/8 3.2	4.04 102.5	5.71 145.0	1.89 48.0	2	16	3.1 1.4
3 88.9	65SF3030	66SF3030	3.500 88.9	1/8 3.2	4.63 117.5	6.50 165.0	1.89 48.0	2	16	3.7 1.7
4 100	65SF3040	66SF3040	4.500 114.3	1/4 6.4	6.00 152.4	8.35 212.0	2.13 54.0	2	8	6.7 3.0
5 125	65SF3050	66SF3050	5.563 141.3	1/4 6.4	7.07 179.5	10.04 255.0	2.13 54.0	2	6	10.6 4.8
6 150	65SF3060	66SF3060	6.625 168.3	1/4 6.4	8.31 211.0	11.42 290.0	2.15 54.5	2	4	12.0 5.4
8 200	65SF3080	66SF3080	8.625 219.1	1/4 6.4	10.35 263.0	13.62 346.0	2.48 63.0	2	-	20.8 9.4
10 254	65SF3100	66SF3100	10.750 273.0	1/4 6.4	12.87 327.0	16.61 422.0	2.64 67.0	2	-	26.3 11.9
12 305	65SF3120	66SF3120	12.750 323.9	1/4 6.4	14.88 378.0	18.66 474.0	2.64 67.0	2	-	34.2 15.5
14 350	65SF3140	66SF3140	14.000 355.6	1/4 6.4	15.94 405.0	19.96 507.0	2.91 74.0	4	-	37.0 16.8
16 400	65SF3160	66SF3160	16.000 406.4	1/4 6.4	17.72 450	22.01 559	2.91 74	4	-	49.0 22.2
18 450	65SF3180	66SF3180	18.000 457.6	1/4 6.4	20.08 510	24.53 623	3.15 80	4	-	65.0 29.5
20 500	65SF3200	66SF3200	20.000 508.0	1/4 6.4	22.09 561	26.57 675	3.15 80	4	-	86.0 39.0
24 600	65SF3240	66SF3240	24.000 609.6	1/4 6.4	26.10 663	30.59 777	3.15 80	6	-	93.0 42.2