



Flanged Coupling Adapter

Reducing

914

IMPORTANT LINKS

Click appropriate words to go to:

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Description: Fabricated Steel, reducing flanged coupling adapter

Application:

Reducing style flanged coupling adapter for joining plain-end pipe to flanged valves and fittings

Key Features:

- Meets applicable AWWA C219 Standards
- Pressure rated at 150 PSI +/- working pressure according to design
- Available in straight (913) or reducing (914) styles to fit your needs
- Provides a quick means of removing and reinstalling flanged fitting already in line
- Optional anchor studs provide joint restraint capability to secure the plain pipe end
- No need for field fabrications. FCA's work with plain-end pipe to make the flanged connection
- Coupling end helps relieve stress, absorb vibration and accept deflection in the piping system

Materials Specifications (subject to change):

BODY: Steel ASTM A53, ASTM A283 Gr. C or Carbon Steel having a minimum yield of 30,000 PSI

FLANGE: 3" thru 5" sizes: ANSI 150 lb. flat face. 6" and above: AWWA C207 Class D ANSI 150 lb. drilling

FOLLOWER: 3" thru 12" sizes—Ductile Iron ASTM A536. 14" and above: heavy rolled Steel AISI C1020

GASKET: Nitrile (Buna N) Certified to NSF/ANSI 61. Compounded to produce superior storage and performance characteristics while resisting water, acids, alkalies, most (aliphatic) hydrocarbon fluids and many other chemicals

Temperature Range: -20°F to +180°F

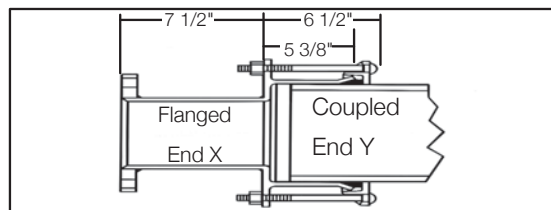
BOLTS & NUTS: High strength low alloy Steel with heavy semi-finished hexagon nuts to AWWA C-111 (ANSI-A21.11) standards

FINISH: Flexi-Coat®, Fusion-Bonded Epoxy Finish

Working Pressure: Up to 150 PSI, according to size and design.

Pipe Applications: All types of pipe. Contact Smith-Blair Engineering for any questions.

Sizes (in inches): See attached charts for dimensional data





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COUPLING END ONLY "Y"			FLANGED END ONLY "X"		
O.D. RANGE INCHES	CATALOG CODE	WEIGHT EACH LBS.	FLANGE SIZE INCHES	CATALOG CODE	WEIGHT EACH LBS.
3.44-3.56	914-0350	16	3	3	12
3.90-4.06	914-0396	16	4	4	17
4.44-4.56	914-0450	17	5	5	21
4.74-4.86	914-0480	18	6	6	18
4.94-5.06	914-0500	23	8	8	26
5.04-5.16	914-0510	23	10	10	27
5.49-5.62	914-0556	23	12	12	40
5.94-6.06	914-0600	29	14	14	53
6.57-6.69	914-0663	29	16	16	63
6.84-6.96	914-0690	29	18	18	65
7.04-7.17	914-0710	29	20	20	78
7.94-8.06	914-0800	30	22	22	84
8.57-8.70	914-0863	37	24	24	100
8.99-9.10	914-0905	38	How to Order Example: You require a flanged coupling adapter to connect 12" Steel pipe to an 8" flanged fitting. 1. Determine the Code Number - The 12"-12.75" O.D. pipe would fit the O.D. range 12.63-12.84. - The code number for the O.D. range is 914-1275. - The 8" flanged end has the code number 08. - Combine the two code numbers and add 003 to the end (-003 represents our standard Flexi-Coat finish, alloy bolts and nuts and NSF Buna N gasket). - Final catalog number is: 914-127500-1350. 2. Determine shipping weight 914-1275 = 56 lbs. 08 = 26 lbs. Total Weight = 82 lbs. - Large sizes and sizes to fit O.D. ranges not listed are available upon request. - Reductions of more than three nominal pipe sizes require special pricing. Bolts, nuts and gasket for flange end not supplied. Suitable anchorage must be provided when excessive pipe movement could occur.		
9.24-9.36	914-0930	39			
9.94-10.06	914-1000	43			
10.69-10.81	914-1075	46			
11.04-11.16	914-1110	49			
11.34-11.46	914-1140	50			
11.94-12.06	914-1200	52			
12.63-12.84	914-1275	56			
13.08-13.29	914-1320	57			
13.38-13.59	914-1350	?			
13.88-14.09	914-1400	70			
15.18-15.39	914-1530	78			
15.53-15.74	914-1565	80			
15.88-16.09	914-1600	82			
17.28-17.49	914-1740	91			
17.68-17.89	914-1780	93			
17.88-18.09	914-1800	93			
19.38-19.59	914-1950	105			
19.80-20.01	914-1992	108			
19.88-20.09	914-2000	108			
21.48-21.69	914-2160	119			
21.88-22.09	914-2200	121			
21.94-22.15	914-2206	121			
23.88-24.09	914-2400	143			
25.68-25.89	914-2580	155			
26.20-26.41	914-2632	159			
29.88-30.09	914-3000	190			
31.88-32.09	914-3200	207			