Flanged Coupling Adapter
Reducing

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
## Flanged Coupling Adapter

### Reducing

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### 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.