

JCM INDUSTRIES

P. O. Box 1220, Nash, TX 75569-1220

Phone 800-527-8482 or 903-832-2581

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www.jcmindustries.com

Typical Specification

JCM 303 Fabricated Flanged Coupling Adapter

Flanged Coupling Adapters shall be of a design which utilizes separate flange and coupling end gaskets and provides a means for joining plain end pipe to flanged fittings, valves, meters and equipment. FCA's shall be manufactured from steel with a flange of the same bolt pattern as the flanged fittings. Coupling bolts shall be to AWWA C-111/ANSI 21.11. Flanged Coupling Adapters shall be JCM 303 Flanged Coupling Adapter or approved equal.

JCM 300 Series Steel Flanged Coupling Adapters meet or exceed the ANSI/AWWA C-219 Standard as applicable.

JCM 300 Series Steel Flanged Coupling Adapters are ANSI/NSF Standard 61 and Standard 61 Annex G, ANSI/NSF 372 Certified.



JCM 303 Fabricated Flange Coupling Adapter

This typical specification, provided by JCM Industries, is a proposed guideline for use by specifying agencies to ensure significant design and material features of this product are included within the agencies' individual specifications.



Effective 12.11.2014

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Material Specification

JCM 303 Fabricated Flanged Coupling Adapter

Sizes 3" - 12"

Middle Ring: Steel per ASTM A-36

Follower: Ductile Iron ASTM A536

Sizes 14" and Larger

Middle Ring: Steel per ASTM A-36

Follower: Steel per ASTM A-36

- Flange:** AWWA C207 Class D Flange with ANSI 150 lb. drilling.
- Gaskets:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber. Gasket temperature range -40°F to 212°F (-40°C - 100°C) Recommended for water, salt solutions, mild acids, bases, sewage and natural gas. Available Options: EPDM
- Bolts:** Nominal sizes 2" and larger: minimum 5/8" bolts ASTM A242/ANSI 21.11/WWA C-111 corrosion resistant, high strength low alloy; heavy hex nuts A563 per ANSI/WWA C-219. Available Options: epoxy coated, Powercron 590-534; Stainless Steel 18-8 Type 304, Stainless Steel 18-8 Type 316.
- Finish:** Heavy coat of corrosion resistant shop coat primer. Optional fusion epoxy coating per AWWA C-213.

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