

JCM INDUSTRIES

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Typical Specification

JCM 214 Fabricated Steel Pipe End Cap Couplings

Couplings shall consist of one steel middle ring, length and thickness to be specified, two follower flanges, two compounded wedged gaskets and a proper amount of bolts to correctly compress the gaskets into the coupling for the application. Coupling shall be furnished with an end cap with a threaded outlet for testing, air release or reduction for smaller line extension.

Each coupling shall be assembled on the job in a manner to assure a permanent joint under reasonable conditions, shifting and settlement, unavoidable variations in trench gradient and any other unforeseen changes in environment.

JCM 200 Series Steel Couplings are ANSI/NSF Standard 61, Annex G and ANSI/NSF 372 Certified.

JCM 200 Series Bolted Couplings meet or exceed the ANSI/AWWA C-219 Standard as applicable.

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.



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Material Specification

JCM 214 Fabricated Steel Pipe End Cap Couplings

Sizes 14" and Larger

Middle Ring: Steel per ASTM A-36

Followers: Steel per ASTM A-36

End Cap: A-285 Grade C carbon steel or equal. Fabricated with ASTM A105 threaded outlet. Option solid cap available.

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 & Nuts: Nominal sizes 2" and larger: minimum 5/8" bolts ASTM A242/ANSI 21.11/AWWA C-111 corrosion resistant, high strength low alloy; heavy hex nuts A563 per ANSI/AWWA C-219. Available Options: epoxy coated, Powercron 590-534; Stainless Steel 18-8

Finish: Heavy coat of corrosion resistant shop coat primer. Optional fusion applied epoxy per ANSI/AWWA C-213.

Working Pressure: Rated for 150 PSI working pressure when installed per manufacturer's instructions. For higher pressure ratings and ratings on specific sizes, contact JCM Industries Engineered and Technical Sales.

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Information based on data available at the date printed below and subject to change without notice.

