

JCM INDUSTRIES

P. O. Box 1220, Nash, TX 75569-1220
 Phone 800-527-8482 or 903-832-2581
 Fax 800-874-9524 or 903-838-6260

www.jcmindustries.com

Typical Specification

JCM 214 Ductile Iron Pipe End Cap Couplings

Couplings for pipe sizes 2" - 12" shall be of ductile iron construction. Couplings shall be of the wide range type to fit Steel, Cast Iron, Ductile Iron, PVC, HDPE and Asbestos-Cement with only a change of gaskets. Coupling sleeves shall be 5" in length on 2" - 2-1/2" nominal sizes, 6" in length on nominal sizes 3" - 12". Coupling shall be furnished with an end cap with a threaded outlet for testing, air release or reduction for smaller line extension. Optional solid cap may be furnished. Ductile Iron couplings shall be JCM 214 or approved equal.

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.

JCM 214 Series Pipe End Cap Ductile Iron Coupling

Nominal Pipe Size (IN)	Sleeve Length (IN)	Number of Bolts
2	5	2
2-1/2	5	2
3	6	3
4	6	4
6	6	5
8	6	6
10	6	7
12	6	8

Note: For applications with High Density Polyethylene Pipe, refer to the JCM HDPE Fittings Manual or contact JCM Industries.



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 Ductile Iron Pipe End Cap Couplings

Sleeve & Flanges: Ductile Iron Per ASTM A536 65-45-12

End Cap: ASTM A-36, A-285 Grade C or equal. Fabricated with threaded outlet. Option solid cap available.

Gaskets: Styrene-Butadiene Rubber (SBR) has good physical properties. Compounded for use with water, salt solutions, mild acids and bases; has excellent abrasion resistance. Per ASTM D-2000. Standard temperature range from -40° to 150°F (-40° to 65° C) constant, maximum intermittent 180° F (82 ° C). For applications on high temperatures or chemical pipelines, contact JCM Industries Technical Services. The material is not recommended for use on oil, ozone or weather resistant applications.

Bolts: 5/8" Corrosion resistant, high strength low alloy oval neck track head bolts per ASTM A242/ANSI 21.11/AWWA C111 and heavy hex nuts per A563 or equal.
Optional Hardware: Stainless Steel 18-8 Type 304 or 316
Epoxy Coated Alloy Hardware, Powercron 590-534 black cationic electrocoat.

Coating: Corrosion resistant shop coat paint primer. Optional fusion applied epoxy coating per ANSI/AWWA C-213. Other coatings available upon request.

Working Pressure: Fittings are rated for 150 PSI working pressure when installed per manufacturer's instructions. Inspection of pipe integrity is the responsibility of the end user. For higher working pressure applications, contact JCM Industries.

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