



# JCM Industries, Inc.

Pipe Fittings & Fabrications for Repair - Connection - Branching

## JCM 210 & 211 Ductile Iron Couplings Specification

Couplings for pipe sizes 2" - 24" shall be of ductile iron construction per ASTM A536. Couplings shall be of the wide range type to fit Steel, Cast Iron, Ductile Iron, PVC, HDPE and Asbestos-Cement pipe. Coupling sleeves shall be 5" in length on 2" - 2-1/2" nominal sizes, 6" in length on nominal sizes 3" - 12" and minimum of 7" in 14" and larger. Ductile Iron couplings shall be JCM 210, 211 or approved equal.

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

JCM 200 Series Couplings meet or exceed the ANSI/AWWA C219 Standard as applicable.

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

### JCM 210/211 Series Ductile Iron Couplings

Nominal Pipe Size (IN)	Sleeve Length (IN)	Minimum 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
14	7	9
16	7	10
18	7	12
20	7	12
24	10	14





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## JCM 210 & 211 Ductile Iron Couplings Material Specification

**Sleeve & Flanges:** Ductile Iron per ASTM A536

**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 D2000. 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.

**Bolts & Nuts:** 5/8" Corrosion resistant, high strength low alloy oval neck track head bolts per ASTM A242, ANSI/AWWA C111/A21.11 (ASTM A193 B5, B7) and heavy hex nuts per A563 or equal.

Optional Hardware: Stainless Steel 18-8 Type 304 (ASTM A193 B8) 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 C213. 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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Certified to  
NSF/ANSI 61 & 372