

JCM INDUSTRIES

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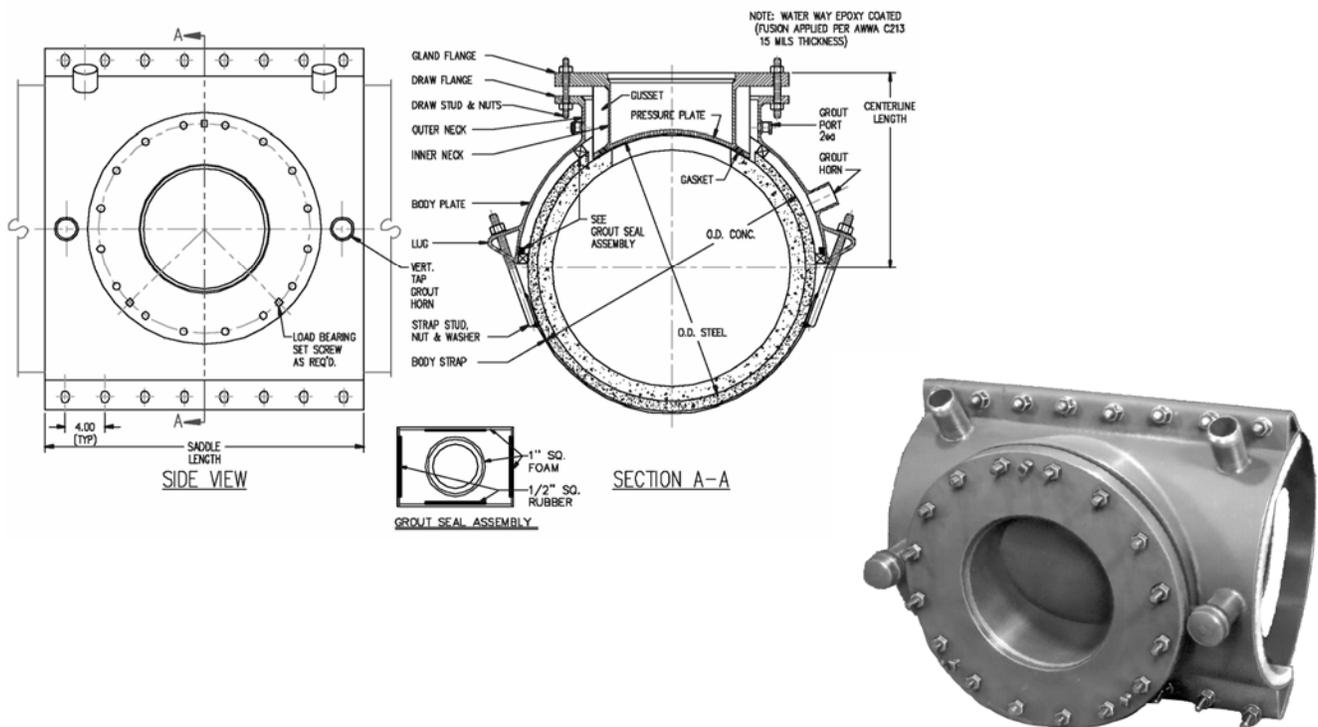
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Typical Specification

JCM 116 Repair Sleeve for Concrete Pressure Pipe

JCM 116 Fabricated Repair Sleeves for Concrete Steel Cylinder Pipe shall be able to repair and reinforce damaged concrete steel cylinder pipe without requiring complete stripping of the concrete. The repair sleeves shall have a separate gland which permits installation and reinforcement of the pipe prior to the cutting of the prestress wires. The repair gland shall have a fusion epoxy coated pressure plate and a broad gasket set in a retaining groove of the pressure plate which is gusseted to eliminate flexing. Repair Sleeves shall be JCM 116 Repair Sleeves or approved equal.

JCM 116 Repair Sleeves are ANSI/NSF Standard 61 and Standard 61 Annex G Certified.



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 116 Repair Sleeve For Concrete Pressure Pipe

- Body:** ASTM 285 Grade C, ASTM A-36 Steel or equal.
- Gasket:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydromechanical design. Gasket is bonded into a cavity for internal and external retention. Gasket temperature range - 40°F to 212°F (-40°C - 100°C) Gasket suitable for water, salt solutions, mild acids, bases, and sewage. Optional gasket materials available.
- Bolts:** Corrosion resistant, high strength low alloy (AWWA C-111, ANSI 21.11) Optional Stainless Steel, 18-8 Type 304.
- Coating:** Heavy coat of corrosion resistant shop coat primer on sleeve, gland and straps. Pressure plate of gland is epoxy coated (fusion applied per ANSI/AWWA C-213). Optional epoxy coating on entire sleeve.

