

# 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](http://www.jcmindustries.com)

## Specification

### **JCM 159 Abandoned Corporation Cap sleeve Type 2 Carbon Steel Sleeve with Outlet Seal Gasket**

Sleeve shall be the high strength type having a wide body, made of a minimum material strength of ASTM 285 Grade C, ASTM A-36 Steel or equal, which conforms to and reinforces the pipe. The sleeve shall have as a minimum 7/8" wide gasket of Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000 with hydromechanical activated lip, captured in a recessed groove around the outlet; 3/4" Corrosion resistant, high strength low alloy oval neck track head bolt per ASTM A242/ANSI 21.11/AWWA C-111 and heavy hex nut per A563.

Cap construction shall be carbon steel

The lugs shall have a pass-through bolt design, to avoid alignment problems and allow tightening from either side of the pipe. Bolts shall not be integrally welded to the sleeve. Bolting lug shall be triangular design. The bolts shall be track head type and furnished with heavy-hex nuts and washers.

Sleeve pressure rating 250 PSI.

JCM 100 Series Repair Sleeves are ANSI/NSF Standard 61, Annex G and ANSI/NSF Standard 372 Certified.



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## Material Specifications

### JCM 159 Abandoned Corporation Cap Sleeve Type 2 Carbon Steel with Outlet Seal Gasket

**Body:** ASTM 283 Grade C, ASTM 285 Grade C, ASTM A-36 Steel or equal.

**Bolts:** Corrosion resistant, high strength low alloy oval neck track head bolt per ASTM A242/ANSI 21.11/AWWA C-111 and heavy hex nut per A563

**Cap Extension:** Carbon steel

**Test Port:** Stainless Steel, 18-8 Type 304

**Finish:** Corrosion resistant shop coat primer.

**Gasket:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber with a pressure activated hydro mechanical 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.

**Service**

**Rating:** 250 PSI. For higher pressures contact JCM Technical Services.

**Options:**

Fusion applied epoxy coating, per ANSI/AWWA C213

Electro Coated Hardware, per Powercron 590-534

Stainless Steel Hardware (304 or 316)

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