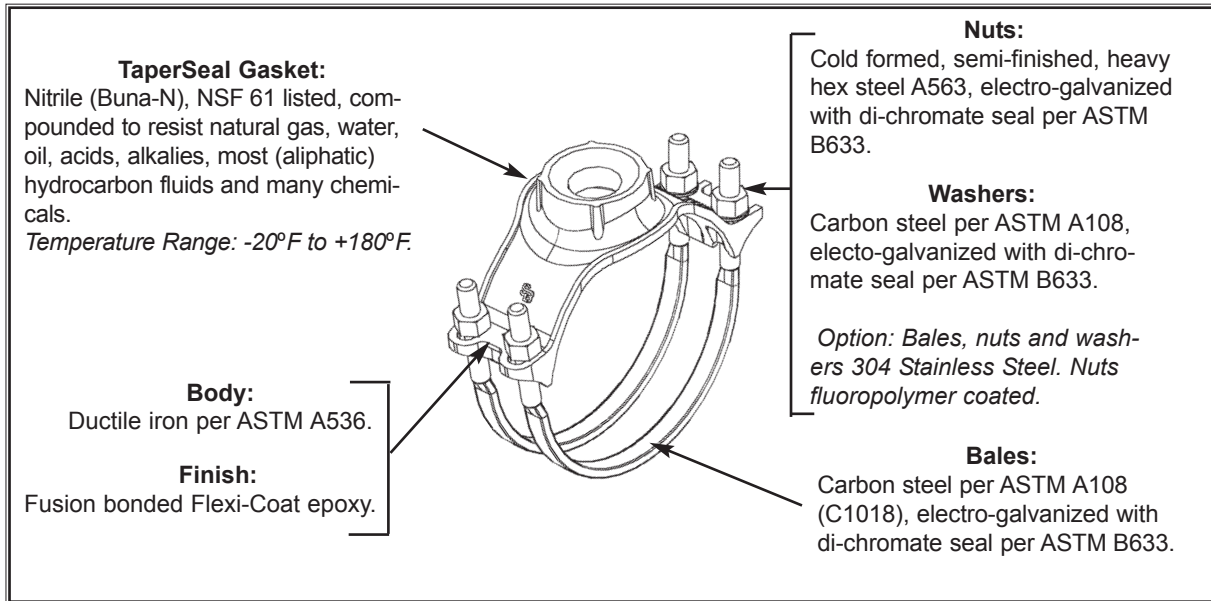


311 and 313 Ductile Iron Service Saddle

Product Specifications



Features:

- Certified to NSF®/ANSI 61-G.
- Meets applicable AWWA C800 Standards.
- The wide saddle body provides stability on the pipe.
- The gasket is fully cemented in a cavity to hold it in place.
- NPT, AWWA and other threaded outlets available in sizes 5/8" thru 4".
- The gasket's TaperSeal hydro-mechanical lip enables the saddle to hold high pressures with just a few pounds of torque.
- At recommended torque, the saddle will exceed the working pressure of most standard pipes.
- A closed lug on one side, combined with the bale or strap, acts as a hinge for easier installation.
- Provides maximum support of the pipe for better performance in the tapped area - nearly 360°.

Saddle Number	Size	Working Pressure
311	1" - 12" Nominal	Up to 300 PSI
313	1 1/4" - 18" Nominal	Up to 300 PSI

Product Specifications

SPECIFICATION:

The service saddle shall have a ductile iron body per ASTM A536. The saddle shall have an outlet for the service connection that will allow an NPT or AWWA thread to be tapped into it.

The saddle shall have one (311) or two (313) carbon steel bales per ASTM A108 (C1018) and be electro-galvanized with di-chromate seal per ASTM B633.

The nuts shall be cold formed semi-finished heavy hex steel A563 with an electro-galvanized with di-chromate seal per ASTM B633. The washers shall be carbon steel per ASTM A108 and electro-galvanized with di-

chromate seal per ASTM B633.

The gasket shall be a TaperSeal outlet gasket that has an hydro-mechanical lip that seals better on the pipe surface as the line content pressure increases.

The gasket shall be made of Nitrile (Buna N) and NSF 61 listed. The gasket shall be compounded to resist: water, oil acids, alkalies, most (aliphatic) hydrocarbon fluids and many other chemicals. The gasket shall have a temperature range of -20°F to +180°F. The gasket shall be fully cemented into a cavity to hold it in place around the outlet during installation.

The saddle shall be a Smith-Blair, Inc., 311, 313 or approved equal.

Approved By
Name:
Title:
Date:

THESE PRODUCT SPECIFICATIONS WERE CORRECT AT TIME OF PUBLICATION.

MATERIAL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

SEE CATALOG BROCHURE CC-300 FOR MORE DETAILS. VISIT SMITH-BLAIR'S WEBSITE AT WWW.SMITH-BLAIR.COM TO DOWNLOAD THE MOST CURRENT INFORMATION.



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