101N-H & 202N-H SERVICE SADDLE
FOR USE ON HIGH DENSITY POLYETHYLENE PIPE (HDPE)

SUBMITTAL INFORMATION

NSF61/372 Certified.

MATERIALS

CASTING
The saddle body is cast from ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12.

GASKET
Gasket is made from NSF 61 approved Nitrile Butadiene Rubber (NBR) compounded for water and sewer service and a tolerance of petroleum products in accordance with ASTM D 2000 MBC 610. Other compounds available for special applications.

STRAPS
Type 304 (18-8) heavy gauge Stainless Steel, two inches wide to spread out clamping forces on the pipe. GMAW and GTAW welds. Passivated for corrosion resistance.

BOLTS, NUTS
For 3", 1/2" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. 4" and above use 5/8" UNC roll thread Type 304 (18-8) Stainless Steel bolts with heavy hex nuts. All welds fully passivated for enhanced corrosion resistance. Nuts coated to prevent galling.

WASHERS
1/2" or 5/8" flat, type (18-8) heavy gauge Stainless Steel and plastic washer to prevent galling.

SPRING WASHERS
1/2" or 5/8" Stainless Steel spring washers manufactured from a special grade of Stainless Steel used in the making of springs.

COATING

Casting is coated with fusion bonded black nylon, 10-14 mils thick, with a dielectric strength of 1,000 v/mil.

PRESSURE

Working pressures up to 150 psi when properly installed on a pipe within the correct outside diameter range.

SIZE

See Catalog.

HDPE PRODUCT LIMITATIONS

- Pipe must be manufactured in accordance with AWWA Standard C906-90.
- Operating temperatures are limited to 85° F maximum and 32° F minimum.
- Operating pressure is limited to 150 psi or the rating of the pipe, whichever is less.
- Pipe systems must be designed to compensate for pipe movement so as to prevent fittings from migrating or rotating on the pipe.
- Products are intended for use in underground service only.
- These service saddles are not to be used on pressurized HDPE pipe with an SDR greater than 26.

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This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.

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