

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

## SUBMITTAL INFORMATION



## 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 304 (18-8) heavy gauge Stainless Steel and plastic washer to prevent galling.

### SPRING WASHERS

1/2" or 5/8" 304 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, 10-12 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

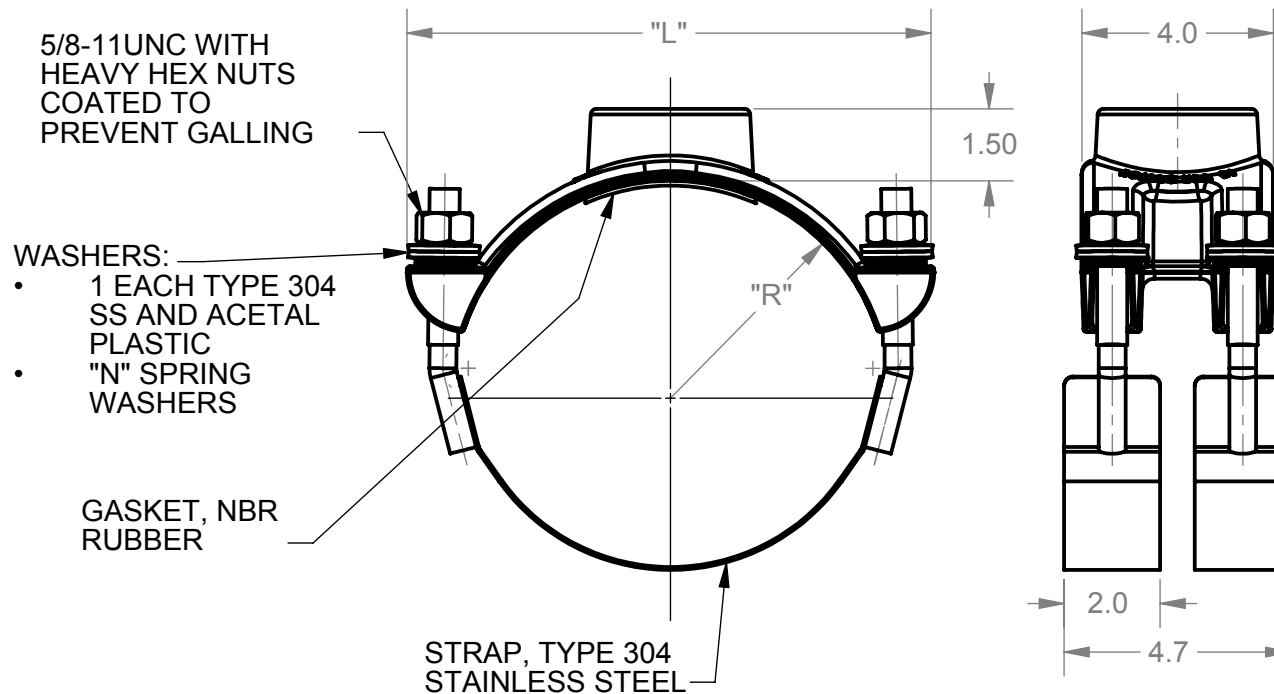
See Catalog.

## 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.

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


REVISIONS			
REV.	DESCRIPTION	DATE	EDITOR
R0	INITIAL RELEASE	'15 JUN 10	DEL EATON



DIMENSIONS					
NOM. SIZE	PIPE OD	L	R	H	N
4"	4.50	6.94	2.25	1.50	2
	4.80	7.00	2.40	1.50	2
6"	6.63	8.75	3.32	1.50	2
	6.90	8.81	3.45	1.50	2
8"	8.63	11.19	4.32	1.50	3
	9.05	11.13	4.53	1.50	3
10"	10.75	13.75	5.38	1.50	3
	11.10	13.06	5.55	1.50	3
12"	12.75	16.56	6.38	1.50	4
	13.20	16.19	6.60	1.50	4

## NOTE:

1. ALL MATERIAL DUCTILE IRON PER ASTM A536 GR. 65-45-12 UNLESS NOTED OTHERWISE.
2. COATING: NYLON COATING 10-12 MILS THICK.
3. THREAD: "IP" (NPT) OR "CC" (PER AWWA C800) AVAILABLE.
4. STRAP: TYPE 304 STAINLESS STEEL, 5/8"-UNC THREAD WITH HEAVY HEX NUT AND FLAT WASHER. GMAW WELDED, CHEMICALLY CLEANED AND PASSIVATED.

PROPRIETARY NOTICE	UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE		ROMAC INDUSTRIES INC.				
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		APPROVED  Peter Nielsen	9/25/2015		DWG. NO. CAD-021168	SIZE A	REV. NO. R0	SCALE 1:4	SHEET 1 OF 1

MODEL NAME: 202NS-9.05 X 1 IP

MODEL CAD #: CAD-021157

LEGACY DRAWING #:

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