305-H AND 306-H SERVICE SADDLE
FOR USE ON HIGH DENSITY POLYETHYLENE PIPE (HDPE)

SUBMITTAL INFORMATION

NSF61/372 Certified.

MATERIALS

OUTLET
304 Stainless Steel half coupling fused to pad with GMAW welding. 3/4" through 2" IP and CC. All threads meet AWWA C800. 305 saddle outlets can be larger on request.

SHELL
304 Stainless Steel, gauges ranging from 24 ga. for smaller pipe O.D.s to 18 ga. for larger pipe O.D.s.

SIDEBARS
Heavy gauge 304 Stainless Steel, GTAW welded to form permanent fusion with shell.

LUGS
304 Stainless Steel, fused to sidebars by GMAW welding.

BOLTS
304 Stainless Steel, 1/2" or 5/8" rolled thread. Bolts are MIG welded to sidebar.

NUTS
304 Stainless Steel, 1/2" or 5/8" UNC thread. Nuts coated to prevent galling.

LIFTER BARS
304 Stainless Steel, lip curved to hold position while tightening. Heavy gauge serves as bearing surface for nuts.

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.

PLASTIC WASHERS
1/2" or 5/8" plastic washer prevents galling between spring washer and lifter bar.

GASKET
Gasket is made from 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.

WELDS

GMAW and GTAW welds. 308L Stainless Steel filler wire used as appropriate. Passivated for corrosion resistance.

PRESSURE

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

SIZES

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 products 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.

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