

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

## SUBMITTAL INFORMATION



## 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" 304 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.*