

304, 305 & 306 SERVICE SADDLES

SUBMITTAL INFORMATION



MATERIALS

OUTLET

304 Stainless Steel half coupling. Fused to shell with GTAW welding. 3/4" through 3" IP and CC (depending on model). All threads meet AWWA C800.

SHELL

304 Stainless Steel per ASTM A 240, gauges ranging from 24 gauge for smaller pipe OD's to 16 gauge for larger pipe OD's.

SIDEBARS

Heavy gauge 304 Stainless Steel per ASTM A 240, GTAW welded to form permanent fusion with shell.

LUGS

304 Stainless Steel per ASTM A 240, fused to sidebars by GMAW welding.

BOLTS

304 Stainless Steel per ASTM A 479, 1/2" or 5/8" rolled thread. Bolts are GMAW welded to sidebar.

NUTS

304 Stainless Steel per ASTM A 194, 1/2" or 5/8" UNC thread. Nuts coated to prevent galling.

LIFTER BARS

304 Stainless Steel per ASTM A 240, lip curved to hold position while tightening. Heavy gauge serves as bearing surface for nuts.

WASHERS

Acetyl washer to reduce friction at nut. 304 Stainless Steel washer used on some size.

GASKET

Gasket is made from NSF 61 Certified 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.

STANDARD

These service saddles meet the requirements of ANSI/AWWA C800 which include live taps.

WELDS

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

PRESSURE

When properly installed on a pipe within the correct outside diameter range, sizes 2 inch through 8 inch can be used at working pressures up to 200 psi. For sizes 10 inch and larger the maximum working pressure is 150 psi. The 306 Pocketed Design can be used at working pressures up to 250 psi for all sizes up to and including 12 inch.

SIZES & RANGES

See catalog.

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