

SS1-H, SS2-H & SS3-H REPAIR CLAMP FOR USE ON HIGH DENSITY POLYETHYLENE PIPE (HDPE)

SUBMITTAL INFORMATION



MATERIALS

SHELL

304 Stainless Steel 18 to 26 gauge depending on size.

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, 4 inch clamps and smaller use 1/2" UNC rolled thread, 6 inch clamps and larger use 5/8" UNC rolled thread. Bolts are GMAW welded to sidebar.

NUTS

Heavy hex, 304 Stainless Steel, 4 inch clamps and smaller uses 1/2" UNC threads, 6 inch clamps and larger uses 5/8" UNC threads. Nuts coated to prevent galling.

WELDS

GMAW and GTAW welds. 308L Stainless Steel filler wire used as appropriate. All welds fully passivated for enhanced corrosion resistance.

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 rating on the pipe.
- Products are intended for use in underground service only.
- SS1-H are not to be used on pressurized HDPE pipe with an SDR greater than 26.

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.

ARMORS

Heavy gauge 304 Stainless Steel, bonded to gasket to bridge gap at lug area.

LIFTER BARS

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

GASKETS

Virgin SBR rubber compounded for water and sewer service in accordance with ASTM D 2000 MAA 610. Other compounds available for petroleum or high temperature service, or other special applications.

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