

PIPE STIFFENER FOR HIGH DENSITY POLYETHYLENE PIPE (HDPE)

SUBMITTAL INFORMATION



USE

The Romac stiffening insert is to be used on the inside of HDPE pipe when utilized in conjunction with AWWA mechanical joints and compression couplings. Stiffeners are suitable for use with HDPE pipe made in accordance with ANSI/AWWA C906, SDR 9 through 26, and standard mechanical joint pipe or fittings made in accordance with ANSI/AWWA C111/A21.11, or ANSI/AWWA C153/A21.53 of the latest revision; or with the Romac style 501 and 400 coupling families.

MATERIAL

BODY AND WEDGE

ASTM 240 type 304 stainless steel.

PRESSURE

Stiffeners can be used at pressures up to 150 psi.

SIZES

See catalog for sizes 4"-12".

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.
- 501 couplings are not to be used on pressurized HDPE pipe with a SDR greater than 26.
- Proper restraint must be used when coupling pipe ends to prevent pullout from hydraulic forces or temperature changes.