

FTS423-H TAPPING SLEEVE, 14 – 42" FOR USE ON HIGH DENSITY POLYETHYLENE PIPE (HDPE)

SUBMITTAL INFORMATION



MATERIALS

BODY

ASTM A 36 steel or equivalent unless noted. Formed to fit exact diameter of pipe to be tapped.

SIDEBARS

Lugged design to reduce distortion of plastic pipe. Also provides for easy assembly with removable bolts.

FLANGE

4" through 36" AWWA Class D Steel Ring Flanges, compatible with ANSI Class 125 and 150 bolt circles, are standard. Counterbored to fit tapping valve lip per MSS SP-60. Other flange styles are available.

BOLTS AND NUTS

High strength low alloy steel bolts and nuts. Steel meets AWWA Standard C111. Type 304 and 316 Stainless Steel bolt material optional. Nuts coated to

prevent galling.

OUTLET GASKETS

3" through 12" size on size SBR wire reinforced. Larger than 12" size on size are Nitrile Butadiene Rubber (NBR) compounded for water and sewer service in accordance with ASTM D 2000. Other compounds available on request.

SPRING WASHERS

5/8" 304 Stainless Steel spring washers manufactured from a special grade of Stainless Steel used in the making of springs.

COATINGS

Shop coat applied to parts for corrosion protection in transit. Fusion bonded epoxy in accordance with AWWA C213 optional.

TEMPERATURE

To help compensate for the expansion and contraction of HDPE pipe due to variations in ambient temperature, spring washers are provided with the sidebar bolts. Consult your representative about temperature range.

SIZES

14" – 42".

HDPE PRODUCT LIMITATIONS

- Sizes 14" and larger Romac does not warranty the performance of its tapping sleeves and HDPE pipe.
- Pipe must be manufactured in accordance with AWWA Standard C906.
- Operating temperatures are limited to 85° F maximum and 32° F minimum.
- Operating pressure is limited to 150 psi with outlets up through 24" or the rating of the pipe, whichever is less.
- Pipeline must be pressurized before pressure testing.
- Pipe systems must be designed to compensate for pipe movement so as to prevent fittings from migrating or rotating on the pipe.
- No size on size taps. For largest outlet size contact Romac Engineering.
- Products are intended for use in underground service only.
- FTS 423-H are not to be used on HDPE pipe with an SDR greater than 17.

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