

# FTS420 TAPPING SLEEVE

## SUBMITTAL INFORMATION



NSF61/372 Certified upon request.

**NOTE:** Sleeve meets the requirements of AWWA C223.

## MATERIALS

### BODY

ASTM A36 steel or equivalent unless noted.

### FLANGE

AWWA Class D Steel Ring Flange, compatible with ANSI Class 125 and 150 bolt circles, are standard. Other flange styles are available. Designed to fit tapping valve lip per MSS SP-60 where applicable.

### 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.

### TEST PLUG

¾ inch NPT type 304 Stainless Steel. Plug threads coated to prevent galling.

### FLANGE GASKET

Gaskets 3" through 12" full face proprietary gasket are made from Styrene Butadiene Rubber (SBR) compounded for water and sewer service in accordance with ASTM D 2000. Other compounds available for petroleum, chemicals, or high temperature service.

### 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.

### COATING

Fusion bonded epoxy in accordance with AWWA C213.

## WORKING PRESSURE (PSIG):

NOM PIPE SIZE	WORKING PRESSURE RATING PER OUTLET SIZE (PSI)															
	<=3	4	6	8	10	12	14	16	18	20	24	28	30	36	42	48
6	250	250	250													
8	250	250	250	250												
10	250	250	250	250	175*											
12	250	250	250	250	175*	175*										
14	250	250	250	250	175*	175*	150									
16	250	250	250	250	175*	175*	150	150								
18	250	250	250	250	175*	175*	150	150	150							
20	250	250	250	250	175*	175*	150	150	150	150						
24	250	250	250	250	175*	175*	150	150	150	150	150					
28	200	200	200	200	175*	175*	150	150	150	150	150	150				
30	150	150	150	150	150	150	150	150	150	150	150	150	150			
36	150	150	150	150	150	150	150	150	150	150	150	150	150	150		
42	150	150	150	150	150	150	150	150	150	150	150	150	100	100	100	100
>42	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

### NOTE:

- Meets requirements of AWWA C223
- Test Pressure = 1.25 X working pressure.
- 3" – 12" outlets are provided with a Romac Tapping Flange Gasket.

- \* Class E flanges are required on 10" and 12" outlets for working pressure greater than 175 psi and up to 250 psi. The 28" with 10" and 12" outlets are rated at 200 psi. with class E flanges. For higher pressure ratings consult your representative.

## SIZES & RANGES

See Catalog. Other sizes available on request.

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



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