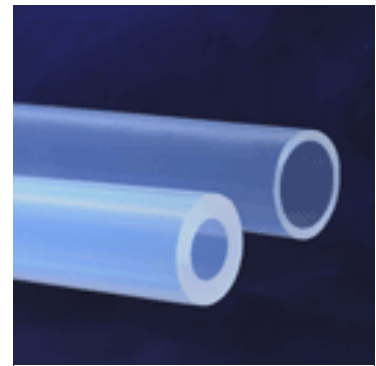


# TIW

## Features

- High temperature, chemical & abrasion resistant
- ASTM-D3295
- UL / CSA recognized
- 500° F Continuous Operating Temperature

Materials For Industry



### PTFE Industrial Wall Tubing

## Applications

Ideal for harsh environments where chemicals and / or heat are present.

PTFE INDUSTRIAL WALL TUBING						
PART NUMBER	NOMINAL I.D.	NOMINAL O.D.	WALL THICKNESS	WORKING PSIG (BAR)	BURST PSIG (BAR)	QUANTITY MIN / MULT
321/16TIW031	.062"	.125"	.031"	295 (20.3)	1,487 (102.5)	25 FT
323/32TIW031	.093"	.156"	.031"	238 (16.4)	1,197 (82.6)	25 FT
321/8TIW031	.125"	.187"	.031"	199 (13.7)	1,002 (69.1)	25 FT
323/16TIW031	.187"	.250"	.031"	150 (10.3)	756 (52.1)	25 FT
321/4TIW031	.250"	.312"	.031"	120 (8.3)	606 (41.8)	25 FT
325/16TIW031	.312"	.375"	.031"	100 (6.9)	506 (34.9)	25 FT
323/8TIW031	.375"	.437"	.031"	86 (5.9)	435 (30.0)	25 FT
321/2TIW031	.500"	.562"	.031"	67 (4.8)	339 (23.4)	25 FT
329/16TIW031	.562"	.625"	.031"	60 (4.1)	305 (21.0)	25 FT
325/8TIW031	.625"	.687"	.031"	55 (3.8)	278 (19.1)	15 FT
3211/16TIW032	.687"	.750"	.032"	50 (3.4)	255 (17.6)	15 FT
323/4TIW040	.750"	.830"	.040"	61 (4.2)	305 (21.7)	15 FT
327/8TIW045	.825"	.965"	.045"	59 (4.0)	295 (20.4)	15 FT
321TIW050	1.00"	1.100"	.050"	47 (3.2)	235 (16.7)	15 FT

Standard colors include: NAT (Natural) Other colors subject to minimum run.

Packaging - coils

## Technical Data

### Electrical

Dielectric Strength 14000 V/Mil  
 Volume Resistivity >10 x 18 ohm-cm

### Chemical

Fluid Resistance Excellent  
 Copper Corrosion No Corrosion  
 Water Absorption 0%  
 Fungus Resistance No Growth

### Physical

Tensile Strength 2500– 4000 psi  
 Elongation 200-400%  
 Hardness Durometer D-50-65  
 Longitudinal Change + /-20%  
 Flammability Self-Extinguishing  
 Specific Gravity 2.13-2.24

Source Associates, Inc.  
 (408)970-0128 Fax (408)970-9748  
 www.source.as e-mail: sales@source.as