

Sub-Lite-Wall®

Ultra Thin Dimension Extrusion

EXTRUSIONS

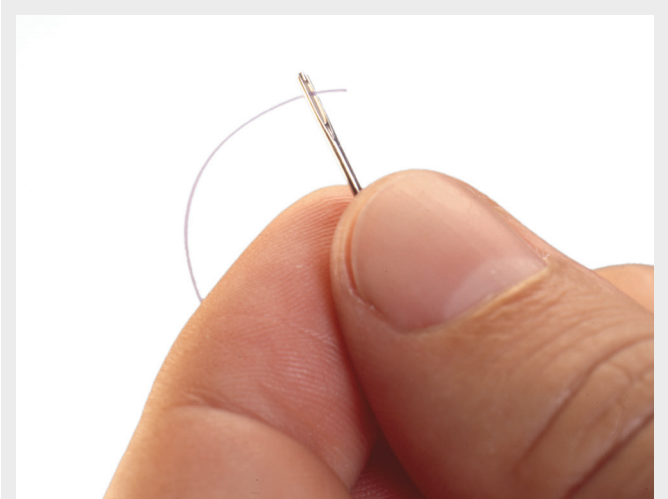


OVERVIEW

Zeus Sub-Lite-Wall® tubing is PTFE tubing with wall thicknesses down to 0.001" and tolerances of ± 0.0005 " (0.0127 mm) available in most sizes. Sub-Lite-Wall® tubing is available in both regular and extended micro-miniature dimensions and heat shrink versions.

We produce Sub-Lite-Wall® tubing where the inside diameter, outside diameter and wall thicknesses are uniform throughout. You can define your own specifications with the assurance that Zeus can meet your requirements completely in either an extruded or heat shrink version.

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SECONDARY/VALUE-ADD SERVICES:

Custom Etching
Striping (*Spiral*)



COEFFICIENT OF FRICTION



CHEMICAL RESISTANCE



FLAME RESISTANCE

APPLICATIONS

- Catheter lead delivery
- Introducer sheaths
- Balloon and stent protectors
- Endoscopy
- Dental
- Batteries
- Sensors
- Fiber optics
- HPLC

CAPABILITIES AND SIZING

- Etching available for bonding
- Ultra-tight tolerances
- Heat shrink
- Available in PTFE, FEP, PFA, and PEEK
- Customization available

KEY PROPERTIES

- Uniform inside and outside diameters
- Extremely small wall thickness
- Multiple sterilization options
- Very lubricious
- Working temperature range from 500 °F (260 °C) to -328 °F (-200 °C)
- Excellent dielectric insulation properties
- Flame resistant: UL 94 V-0

Sub-Lite-Wall®

Extruded & Heat Shrinkable PTFE Tubing

INFORMATION OF NOTE

All Sub-Lite-Wall® is custom ordered.

Now available in Sub-Lite-Wall® configurations with wall thicknesses down to .001 on many sizes. +/- .0005" (.013mm.) Tolerances available in most sizes. Call us for more details.

ZEUS SUB-LITE-WALL® Tubing is available in both regular extruded micro-miniature dimensions, and in heat shrink versions. Inside diameters, outside diameters, and wall thicknesses are uniform throughout. The dimensions and tolerances shown here are only a guide. You can write your own specifications with the assurance that ZEUS can meet your requirements completely in either extruded or heat shrink version.

EXTRUDED				HEAT SHRINK					
Inside Diameter		Wall Thickness		Expanded ID Min.		Recovered ID Max.		Recovered Wall Thickness	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
0.0020	0.0508	0.0020	0.0508	0.0200	0.5080	0.0080	0.2032	0.0020	0.0508
0.0025	0.0635	0.0020	0.0508	0.0250	0.6350	0.0100	0.2540	0.0020	0.0508
0.0030	0.0762	0.0020	0.0508	0.0300	0.7620	0.0120	0.3048	0.0020	0.0508
0.0040	0.1016	0.0020	0.0508	0.0340	0.8636	0.0150	0.3810	0.0020	0.0508
0.0050	0.1270	0.0030	0.0762	0.0380	0.9652	0.0180	0.4572	0.0020	0.0508
0.0060	0.1524	0.0030	0.0762	0.0460	1.1684	0.0220	0.5588	0.0020	0.0508
0.0080	0.2032	0.0030	0.0762	0.0500	1.2700	0.0270	0.6858	0.0020	0.0508
0.0100	0.2540	0.0030	0.0762	0.0550	1.3970	0.0320	0.8128	0.0020	0.0508
0.0130	0.3302	0.0030	0.0762	0.0600	1.5240	0.0390	0.9906	0.0020	0.0508
0.0160	0.4064	0.0030	0.0762	0.0760	1.9304	0.0490	1.2446	0.0020	0.0508
0.0200	0.5080	0.0020	0.0508	0.0930	2.3622	0.0610	1.5494	0.0020	0.0508
0.0250	0.6350	0.0020	0.0508	0.1200	3.0480	0.0720	1.8288	0.0020	0.0508
0.0320	0.8128	0.0020	0.0508	0.1500	3.8100	0.0890	2.2606	0.0020	0.0508
0.0400	1.0160	0.00150	0.0381	0.1910	4.8514	0.1120	2.8448	0.0020	0.0508
0.0650	1.6510	0.00150	0.0381	0.2400	6.0960	0.1410	3.5814	0.0025	0.0635
0.0730	1.8542	0.00150	0.0381	-	-	-	-	-	-
0.0840	2.1336	0.00150	0.0381	-	-	-	-	-	-
0.0980	2.4892	0.0020	0.0508	-	-	-	-	-	-
0.1100	2.7940	0.0020	0.0508	-	-	-	-	-	-
0.1620	4.1148	0.0020	0.0508	-	-	-	-	-	-
0.2040	5.1816	0.0030	0.0762	-	-	-	-	-	-
0.2580	6.5532	0.0040	0.1016	-	-	-	-	-	-
0.3250	8.2550	0.0050	0.1270	-	-	-	-	-	-