

# Sub-Lite-Wall®

Incredibly Thin Dimension Extrusion

## Overview-

Zeus Sub-Lite-Wall® tubing is our family of ultra-thin walled extruded tubing with wall thicknesses below 0.005" (0.127 mm). Available in FEP, PEEK, PFA, and PTFE resins, these micro-dimensional tubing products are helping design engineers in the medical and industrial sectors achieve new performance standards and increase the workspaces they can access.

We now feature PTFE Sub-Lite-Wall® StreamLiner™ XT tubing, which lowers our already best-in-class wall thickness to a maximum 0.00075" (0.01905 mm) to create the ultimate in micro-size catheters. Sub-Lite-Wall® StreamLiner™ XT helps to lower the overall profile of the catheter for endovascular applications while increasing the operating space within the channel due to the ultra-thin wall thickness. As a free extrusion, PTFE StreamLiner™ XT is stronger than dip-coated liners offering greater deployment force for minimally invasive procedures.

Our customers have enjoyed decades of successful implementation of our Sub-Lite-Wall® line. Our PTFE Sub-Lite-Wall® StreamLiner™ XT brings with it all of the same functional properties of its predecessors for seamless acceptance.



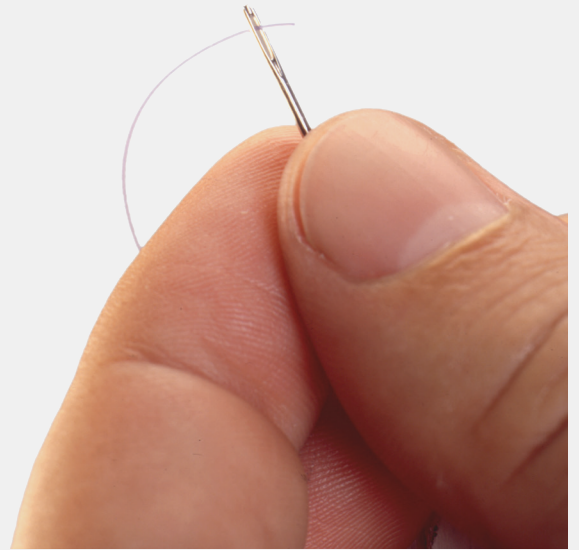
COEFFICIENT OF FRICTION



BIOCOMPATIBLE



CONTINUOUS SERVICE TEMP



*Example of incredibly thin, Sub-Lite-Wall® tubing.*

## APPLICATIONS

- Catheter liners
- Introducer sheaths
- Endoscope channels
- Furcation tubing for fiber optics

## CAPABILITIES AND SIZING

- Etching available to introduce bonding
- Extremely thin wall thickness
- Uniform inside and outside diameters
- Ultra-tight tolerances
- Sub-Lite-Wall® Tubing is available in FEP, PEEK, PFA and PTFE
  - PTFE Sub-Lite-Wall® (ID 0.002" to 0.325" | max wall <0.005")
  - PTFE StreamLiner™ XT (ID 0.013" to 0.040" | max wall <0.00075")

## KEY PROPERTIES

- Biocompatible
- Highly lubricious
- Working temperature to 260 °C (500 °F)
- Excellent dielectric / insulation properties
- Flame resistance: UL 94 V-0 rating

