

Sub-Lite-Wall®

Ultra-Thin-Walled Tubing

Overview-

Zeus Sub-Lite-Wall® tubing is our family of ultra-thin-walled extruded tubing with wall thicknesses below 0.005" (0.127 mm) and tolerances as low as ± 0.0005 " (0.0127 mm). Available in PTFE, FEP, PEEK, and PFA, Sub-Lite-Wall® tubing fills a critical need for applications that require ultra thin walls with high performance properties.

With the combination of thin walls, tight tolerances, uniform inside and outside diameters, and high performance properties, Zeus Sub-Lite-Wall® tubing has helped design engineers in the medical sector achieve new performance standards for decades. Our ultra-thin-walled tubing is highly lubricious, biocompatible, and has a working temperature up to 260 °C (500 °F), making it an ideal choice for a wide variety of applications.



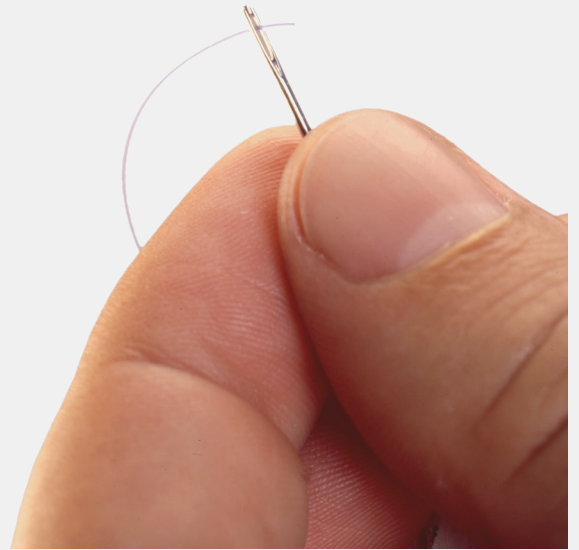
COEFFICIENT OF FRICTION



BIOCOMPATIBLE



CONTINUOUS SERVICE TEMP



Example of ultra-thin Sub-Lite-Wall® tubing.

APPLICATIONS

- Catheter liners
- Introducer sheaths
- Endoscope channels
- Closure devices

CAPABILITIES AND SIZING

- Etching available to introduce bonding
- Wall thickness below 0.005" (0.127 mm)
- Uniform inside and outside diameters
- Tolerances as low as ± 0.0005 " (0.0127 mm)
- Available in PTFE, FEP, PEEK, and PFA

KEY PROPERTIES

- Biocompatible
- Highly lubricious
- Working temperature up to 260 °C (500 °F)
- Excellent dielectric / insulation properties

