

Multi-Lumen Tubing

Customizable Multi-Lumen Extrusions

Overview-

Zeus multi-lumens are unique tubular extrusions which provide multiple lumens, or passages, within a single outer dimension (OD). Manufactured with unique profiles, tight tolerances, and high-performance properties, our multi-lumen tubing allows engineers to advance their product capabilities.

Multi-lumen tubing is an ideal choice for a wide variety of medical and industrial applications. For steerable catheters in particular, our PTFE Sub-Lite-Wall™ multi-lumen tubing is an excellent option and provides engineers with an ultra-thin-walled, process-ready extrusion that helps simplify construction, reduce manufacturing steps, and improve yields. For other applications such as wire and cable management, the insulating properties of our fluoropolymers, combined with our customizable configurations, help orient electrical wires and fiber optics while also providing critical protection for these sensitive components.

Available in ETFE, FEP, PEEK, PTFE, PVDF, nylons, Pebax®, and more, our multi-lumen configurations are nearly unlimited, with all custom design aspects kept completely confidential. You design, we deliver.

Note- All multi-lumen tubing is custom ordered. Sub-Lite-Wall™ Multi-Lumen is available in PTFE only.



FLEXURAL MODULUS



CHEMICAL RESISTANCE



BIOCOMPATIBLE



Zeus offers an extensive range of multi-lumen extrusions.

APPLICATIONS

- Catheters
- Endoscopes
- Fluid handling
- Drug delivery
- Fiber optics
- Multi-sensor instruments
- Connector alignment

CAPABILITIES AND SIZING

- Etching available to introduce bonding
- Extensive range of sizes
- Highly customizable
- Available in ETFE, FEP, PEEK, PTFE, PVDF, and more

KEY PROPERTIES

- Multiple working channels
- Chemically inert
- Biocompatible

