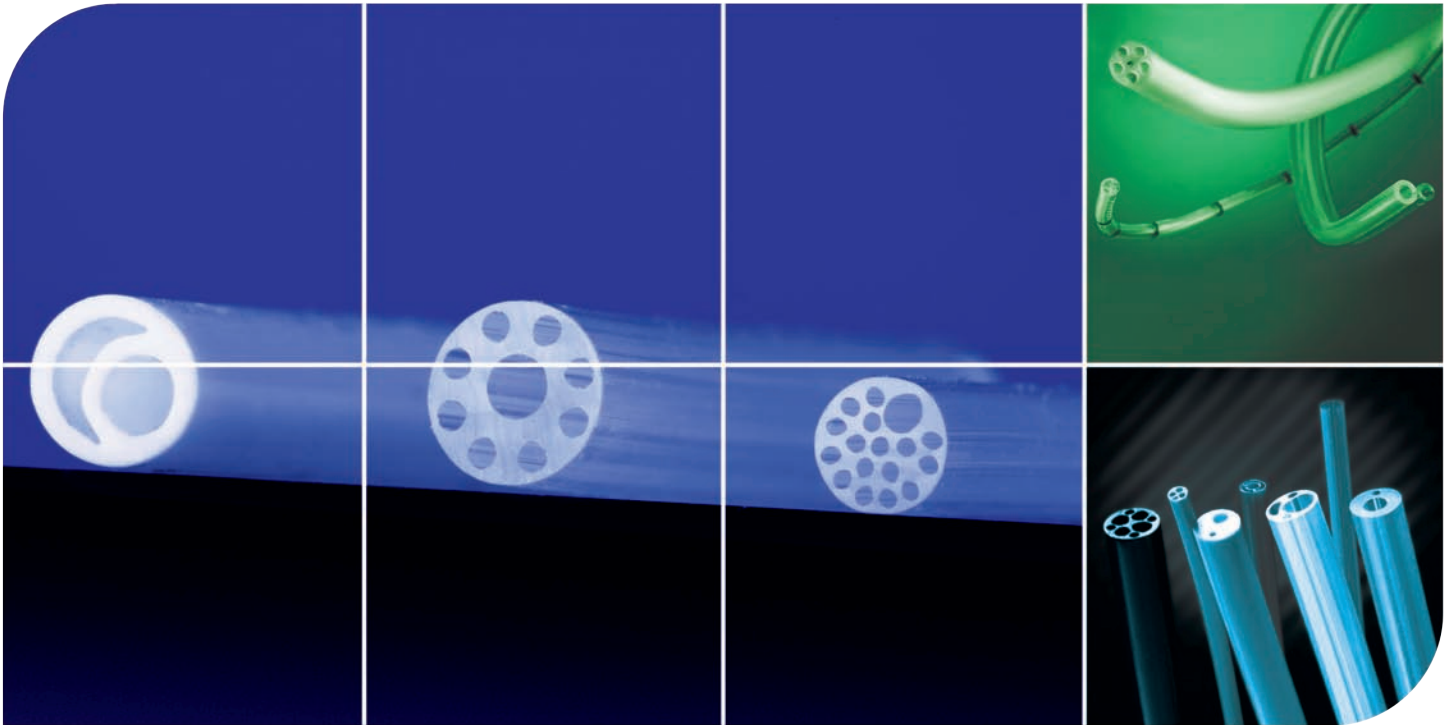


EXTRUMED™

Multilumen Tubing



Applications

Vascular Intervention, Vascular Access, Endosurgery, CRM and Neurostimulation, Including Coronary, Peripheral, Neurovascular, Dialysis, Venous, Urology, Ob / Gyn, Endoscopy and Other Medical Device Applications

Vesta's ExtruMed™ precision extrusion solutions optimize the clinical outcome of thermoplastics and silicone multilumen tubing for the medical device industry.

Function

Provide Channels to Optimize Management of Fluid, Mechanical, Electrical and/or Energy Delivery for Minimally Invasive Diagnostic and Therapeutic Devices

Lumens serve a variety of purposes in numerous applications, allowing for passage of fluids or drugs, as guidewires, inflation/deflation of a balloon, mechanical devices (instruments, stents, baskets, coils, etc.), electrical/electronic sensors and/or energy delivery (thermal, RF, cryo and UV).

Description

Multilumen Tubing Consists of Two or More Working Channels (Lumens) Running the Length of the Tubing

Vesta manufactures custom multilumen tubing in virtually any configuration. The number, size and configuration of the lumens is limited only by the outer diameter, wall thickness, web thickness and material.

Molding | Extrusion | Assembly

Silicone inquiries: 414.423.0550 | Thermoplastic inquiries: 951.547.7400
sales@vestainc.com | www.vestainc.com

ISO 13485:2003 Certified

Technology

Tooling, Materials, Process and Quality Control

Vesta designs and builds the multilumen tooling in-house, ensuring quality control and rapid response times. Vesta employs advanced process technology and comprehensive quality control methods to ensure lumen consistency and patency.

Competency

Complex Multilumen Configurations

Vesta's experienced extrusion professionals understand how to balance design and manufacturability, optimizing customer requirements for performance and cost. Our expertise includes:

- Configurations ranging from 2–20 lumens
- Lumen sizes ranging up to 0.5" (12.5 mm) depending on raw material
- Numerous lumen shapes, including round, elliptical, star-shaped, crescent and others
- Bump tubing and transition tubing (also called tapered)
- Coextruded tubing (striped or multilayered)
- Wall thickness as thin as 0.001" (0.025 mm)
- Spring-reinforced tubing
- Rapid extrusion services

