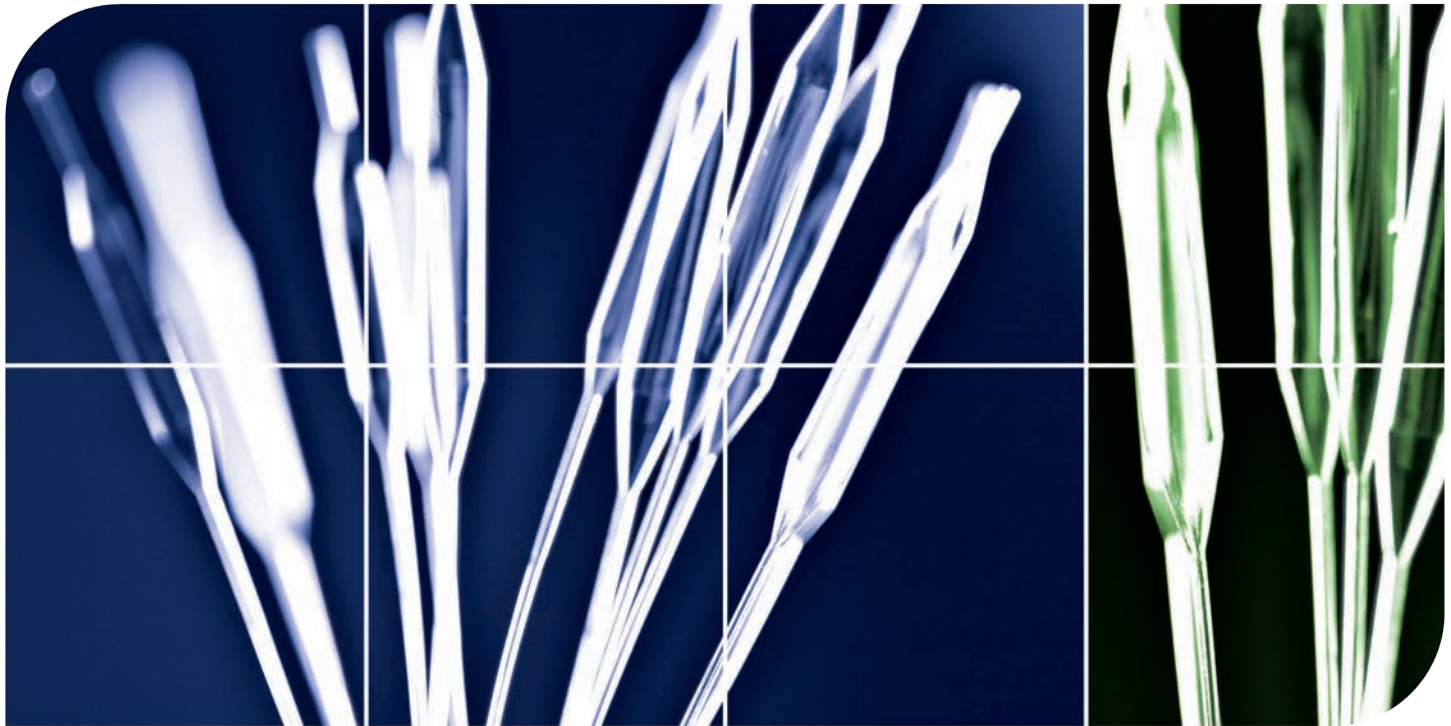


EXTRUMED™

Balloon Tubing



Applications

Coronary, Peripheral, Neurovascular and Nonvascular

Vesta's ExtruMed™ precision extrusion solutions optimize the clinical outcome of thermoplastic balloon tubing for the medical device industry.

Function

Dilatation, Drug and Device Delivery, Occlusion and More

Vesta's balloon tubing produces high-yielding medical device balloons with uniform wall thickness, excellent concentricity, and optically clear and repeatable mechanical properties necessary for critical clinical applications.

Description

Extrusion Carefully Stressed to Support the Introduction of a Balloon Feature

Vesta's fully integrated facility affords tight manufacturing controls for the critical parameters necessary to ensure optimal balloon performance.

Technology

Extruded, Tested and Inspected for Quality

Vesta controls each step in manufacturing high-yield balloon tubing. We extrude high-quality and highly concentric tubing that meets specific dimensional and cosmetic requirements. Vesta controls important mechanicals such as elongation and

tests the tubing to ensure that required functional properties are met and defects are eliminated. After extrusion, our highly trained inspectors inspect the tubing to ensure the highest quality.

Competency

High-Quality Balloon Tubing, Thin Walls and High Burst Pressures

Vesta's experienced team ensures that the tubing adheres to customer-specified dimensional and mechanical requirements. Our expertise includes:

- Balloon tubing manufacturing
 - Excellent concentricity > 90%
 - Even wall thickness tolerance $\pm 0.0005"$ (± 0.012 mm)
 - Tight dimensional tolerance $\pm 0.0005"$ (± 0.012 mm)
 - Repeatable mechanical properties, such as elongation and tensile strength
 - Inspection of tubing for cosmetic defects
 - Testing: fatigue, burst, collapse
- Custom materials and shapes available by request
- Irradiation for polyolefin balloon tubing
- Rapid extrusion services

Molding | Extrusion | Assembly

Silicone inquiries: 414.423.0550 | Thermoplastic inquiries: 951.547.7400

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ISO 13485:2003 Certified