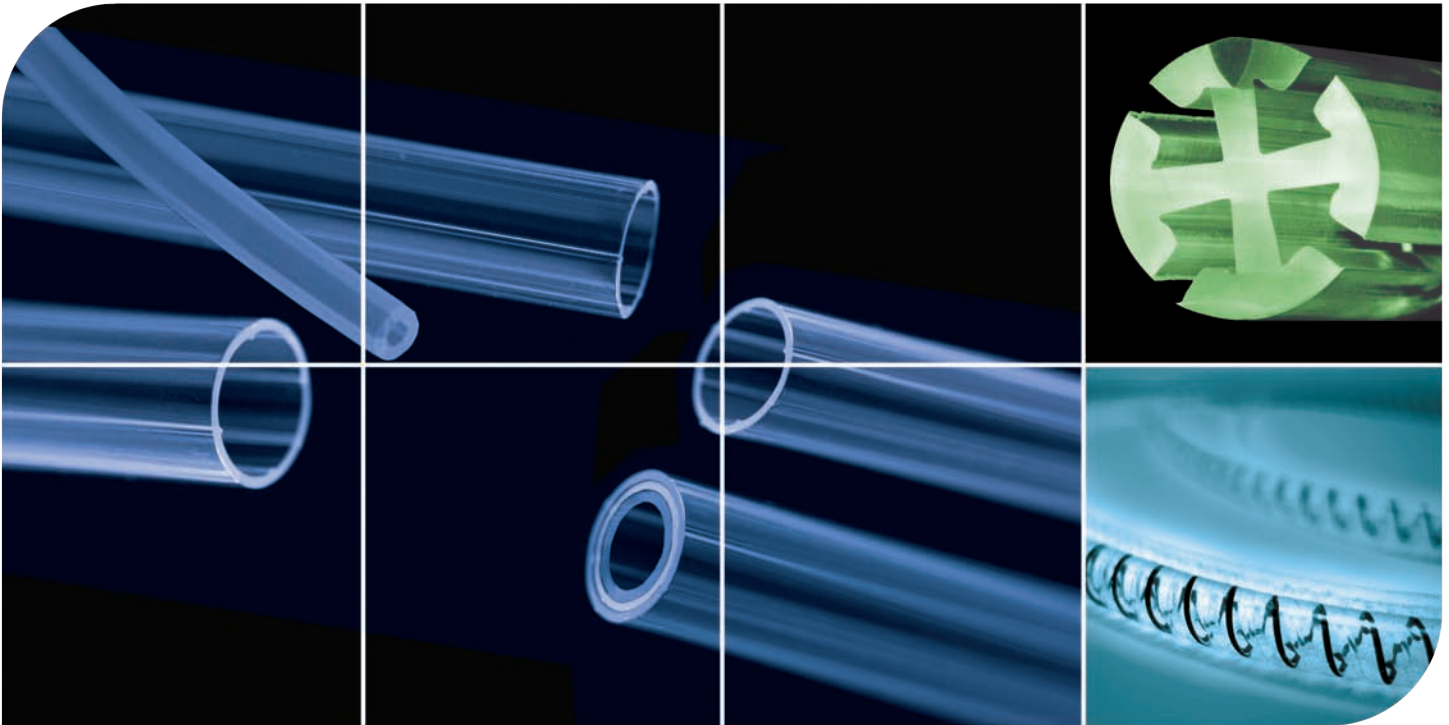


EXTRUMED™ Striping & Multilayer Coextrusion



Applications

PTCA, PTA, Stenting, Guiding Catheters, Dialysis and Other Medical Device Applications

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

Function

Critical Component for PTCA and Guiding Catheters

Vesta's coextrusion tubing enables highly precise designs for shafts used in many applications, including those requiring different materials for the inner and outer diameters. In addition, coextrusion can add radiopaque stripes for viewing under a fluoroscope or a colored stripe for catheter orientation.

Description

Multilayered or Striped Coextrusion Tubing

Vesta manufactures coextrusion tubing with multiple layers, colored stripes and radiopaque stripes. Our engineers use two materials that are chemically compatible to prevent the tubing from delaminating. When coextruded tubing requires incompatible inner and outer layers, a third layer may be needed to tie the layers together.

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 uses the latest technology and expertise to produce precision coextruded tubing in both multilayer and stripe configurations. Both the die design and the extrusion process are critical to manufacturing precision coextrusion tubing. Each material in the tube requires a separate extruder that connects to the coextrusion die. Process control and tooling design ensure highly precise coextruded tubing.

Competency

Striping, Dual Layer and Tri-layer Coextrusions

Vesta's capabilities include coextrusion tubing in striped, dual-layer and tri-layer configurations. Our skilled personnel have extensive experience producing high-precision coextrusions. Our expertise includes:

- Striping with radiopaque and/or color
- Dual-layer and tri-layer
- Layer thickness as thin as 0.0005" (0.013 mm)
- Bump coextrusions and transition coextrusions
- Multilumen and profile coextrusions
- Paratubing

