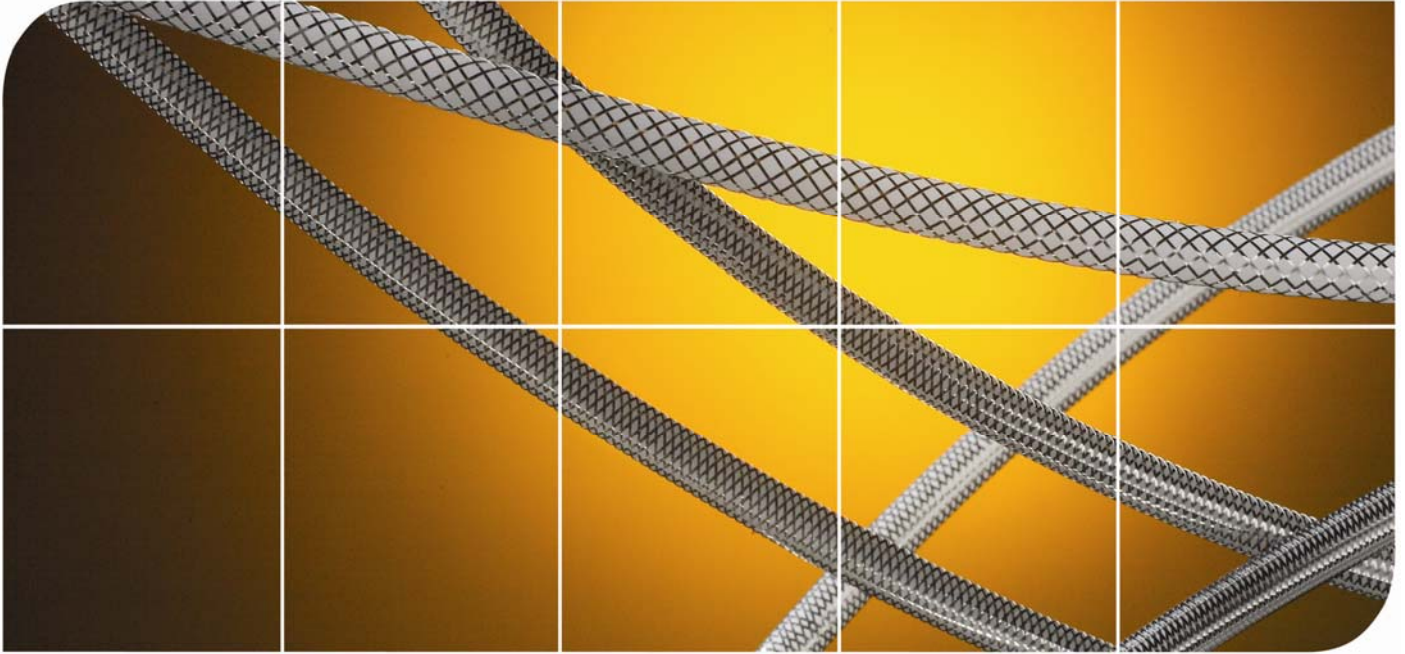


EXTRUMED™

Braided Tubing



Applications for Tubing

Cardiovascular, Neurovascular, Diagnostic, Endoscopy, Gastrointestinal, Neurology, Urology, Coronary

Vesta's ExtruMed™ precision extrusion solutions optimize the clinical outcome of medical devices with precision braiding manufacturing services for the medical device industry.

Function

Braiding improves catheter functionality by providing high pressure resistance, kink resistance and stiffness to small or collapsible extruded tubing profiles.

- Flexible but highly kink resistant
- Collapse resistance features
- Good push-ability and torque properties
- Improved burst strength
- Increased column strength

Description

Tube braiding is a common manufacturing method for increasing the tube's burst strength while producing thinner walls in the extrusion process.

Braided tubing helps reinforce tubing walls, increase internal pressure, improve burst strength and increase torque transmission. When applied to selected materials, braided tubing can be viewed under Xray.

Technology

Integrating Materials, Tooling, Process and Quality Control

Vesta uses dedicated equipment and innovative technology and expertise to produce your complex braided tubing.

Competency

- OD sizes from 0.030" to 0.200" (0.762mm – 5.08mm)
- Round or flat wires available
- Capabilities include 16 carrier braiders
- Stainless steel wire ranging from 0.001" – 0.010" (0.0254mm – 0.254mm)
- Braid angles from 20° to 70°
- Cut lengths or spool
- 25 – 125 picks per inch rates
- Variable or constant pick pattern
- 15% - 95% coverage
- Continuous layer processing

Molding | Extrusion | Assembly

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 ISO 13485:2003 Certified