

OPTINOVAS

BRAIDED TUBING FOR MEDICAL APPLICATIONS

Optinova produces reinforced tubing in materials such as TPE-A (Pebax®), TPE-U (PUR) and PA. We offer the braided tubing as such or including secondary operations like “overlap” or “butt end” welding of softer material at distal end and smoothly ground surface. Our know-how, engineering expertise and “state of the art” equipment are available for test production of your new designs and applications.

Examples of applications

- Angiography catheter
- Connecting tube
- Diagnostic catheter
- Electrophysiology catheter
- PTA and PTCA guiding catheter

ABOUT OPTINOVA

The Optinova Group is one of the leading global suppliers of advanced tubing solutions for the global medical device industry, as well as of demanding fluoropolymer tubing for industrial applications. Optinova (incl. ScanTube since 2015) is a Finnish company group with manufacturing bases on the Åland Islands in Finland, Minnesota, USA, and Thailand. The Optinova family welcomes you to get in contact when you are looking for experienced extrusion partner for advanced tubing solutions.

Cardio & Vascular extrusion solutions portfolio

Our Cardio & Vascular market segment offers a complete range of extrusion services for your delivery device requirements.

- PTFE cores
- Etched OD PTFE liner
- FEP HS
- Single- & multilumen extrusions
- Balloon tubing
- Balloon & stent protectors
- Braided shafts
- CRM lead components

PRODUCT CAPABILITIES	PRODUCT CAPABILITIES
<p>Material Inner Liner TPE-A (Pebax®) PE PA FEP PTFE TPE-U (PUR)</p>	<p>Reinforcement types 304SS 316SS Polyester Polyamide</p>
<p>Jacket Material TPE-A (Pebax®) PE PA TPE-U (PUR)</p>	<p>Wire Pattern 0–130 PPI, (2 over 2), 8, 16 or 32 wires</p>
<p>Filler BaSO4 Bi2O3 Bi2O2CO3</p>	<p>Wire Dimension Round: 0,038–0,10 mm 0,0015–0,004 inch Flat: 0,013 mm x 0,051 mm 0,0005 x 0,002 inch 0,051 mm x 0,178 mm 0,002 x 0,007 inch</p>
<p>Dimension OD Range: 3 Fr–24 Fr Wall: 0,15 mm–0,70 mm</p>	<p>Value added Welding, overlap or butt weld Welding of one or several non-braided tips with different softnesses Grinding</p>



Optinova is certified according to ISO 9001:2000 and ISO 13485:2003 and operates under cGMP guidelines. All our deliveries include Test Report and Certificate of Conformance. The tubing is produced using virgin materials, approved for biocompatibility, i.e. USP class VI. Our production is in clean room environment classified according to ISO 14644 -I, class 6–8.

CONTACT

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