

Teleflex Incorporated (NYSE: TFX) is a diversified global company, distinguished by a significant presence in healthcare, with niche businesses that also serve the aerospace and commercial markets.

Teleflex Medical is committed to partnering with healthcare providers in critical care and surgery to provide solutions that help prevent infections and improve patient and provider safety.

Teleflex Medical OEM provides product development and outsourcing services to device manufacturers, including the design, engineering, prototyping, and manufacturing of surgical instruments, extrusion, performance fibers, and other specialty products.

The Teleflex Medical OEM family of brands includes BEERE MEDICAL®, DEKNATEL®, KMEDIC®, SMD™, and TFX OEM®.

For detailed information, see www.teleflex.com.

TFX OEM® PRODUCT DEVELOPMENT CENTERS

Limerick, Republic of Ireland

- Phone: +353.61.331906

The Limerick facility has ISO 13485 certification and is registered with the FDA as a manufacturer. In addition, the facility has a Japan Accreditation Certificate for an Overseas Manufacturer of Medical Devices.

Plymouth, Minnesota USA

- Phone: 763.559.6414

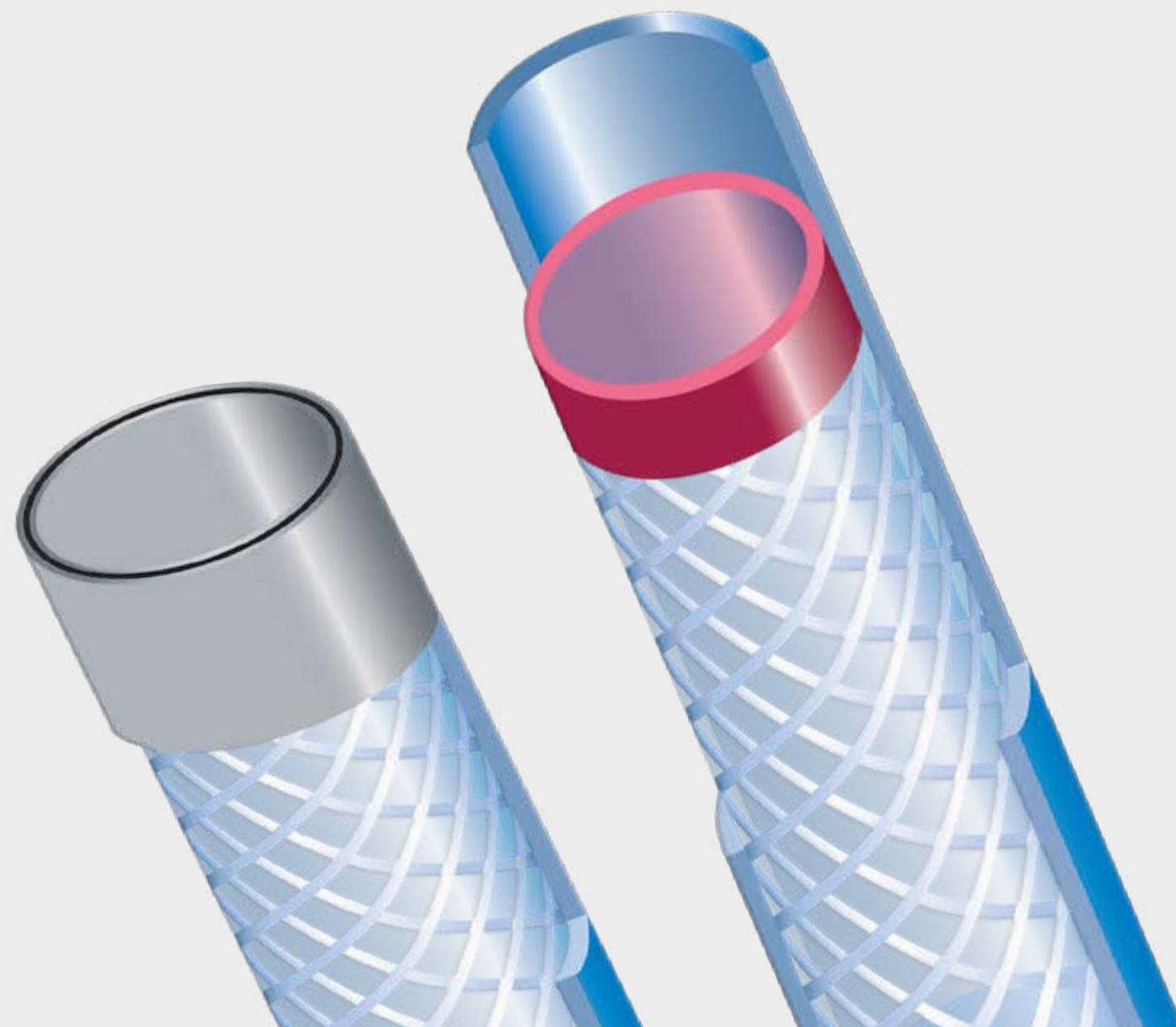
The Plymouth facility has ISO 13485 certification.

TELEFLEX MEDICAL OEM GLOBAL HEADQUARTERS

- E-mail: oeminfo@teleflexmedical.com
- Internet: www.teleflexmedialoem.com

IMAGINE IT. ACHIEVE IT.®

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TFX OEM® LARGE DIAMETER, BRAID-REINFORCED SHAFTS

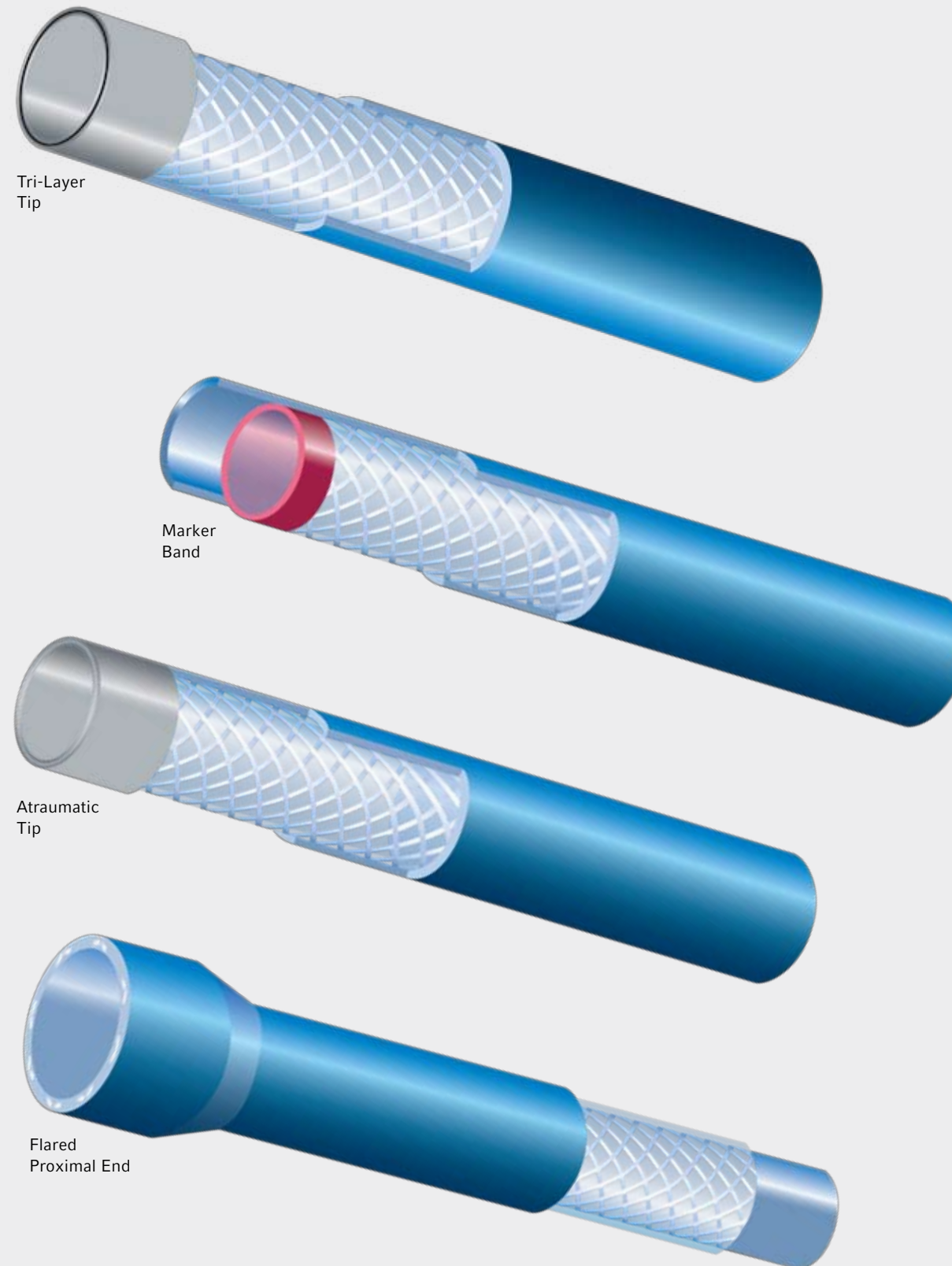
CREATE A DEVICE DESIGNED AND MANUFACTURED TO YOUR EXACT SPECIFICATIONS

IMAGINE IT AND ACHIEVE IT WITH TELEFLEX MEDICAL OEM

- Shafts up to 30F.
- Ultra-thin walls to 0.008" (0.20mm).
- Substrate/liner options achieve lubricity, clarity, and cost considerations.
- Custom-configure the stiffness of the tip and shaft segments to match your application.
- Braid configurations and materials available for flexibility, stability, and/or "pushability."
- Achieve radiopacity with the addition of marker bands or an encapsulated tungsten, tri-layer bright tip.
- Extensive, in-house capabilities allow us to transform your idea into a market-ready product:
 - Certified product design framework
 - Product and process engineering
 - Functional prototype development and fabrication
 - Product performance testing
 - Smooth transfer to manufacturing and scale up
 - Fully-integrated production processes: Compounding, precision extrusion, assembly, and sterile, packaged devices.

SHAFT GUIDE

Gauge (Size)	Nominal OD		Wall Thickness	
	inch	mm	inch	mm
10F	0.131	3.33	0.008	0.20
18F	0.236	6.00	0.010	0.25
30F	0.393	10.00	0.012	0.31



LARGE DIAMETER BRAIDED SHAFTS

- Shafts up to 30F, ultra-thin walls to 0.008" (0.20mm).
- Obtain large shaft diameters while maintaining dimensional stability.
- Braids with optional longitudinal wire reinforcement increase stability and "pushability."
- Applications: Introducers, endoscopy, or other applications requiring a large diameter sheath with thin walls.
- Contact Teleflex Medical OEM for a list of customization options.

MATERIALS

- Liner/Substrate materials: FEP, EFEP, HDPE, PEBA, or customer specified.
- Jacket materials: PEBA Polyamide, PUR, or customer specified.
- Braid materials: Round or flat stainless steel wire.
- Custom, in-house compounding.
- Color match or custom color per customer specifications.

RADIOPACITY OPTIONS

- Encapsulated or embedded marker bands.
- Encapsulated tungsten (W) tri-layer or atraumatic tip.
- High loading of conventional radiopaque fillers:
 - Barium Sulfate
 - Bismuth Trioxide
 - Bismuth Subcarbonate

SECONDARY PROCESSING AND STERILIZATION

- Flaring.
- Hub options: Insert molding or custom hubs.
- Tip attachment.
- Atraumatic radiopaque tip.
- Tip geometry custom-configured to your application.
- Product design configured to suit your sterilization method: Gamma, e-beam, or EtO.