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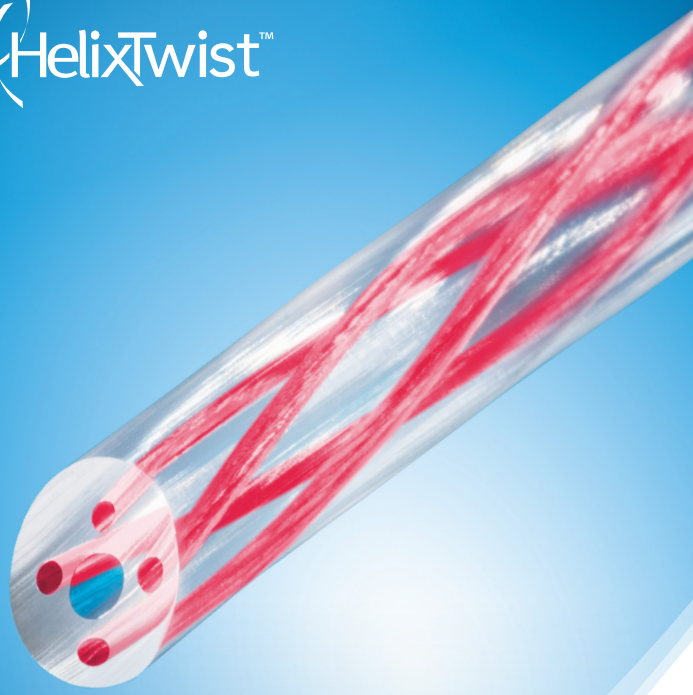
HelixTwist™



INNOVATIVE MULTI-LUMEN TUBING TO PREVENT KINKS

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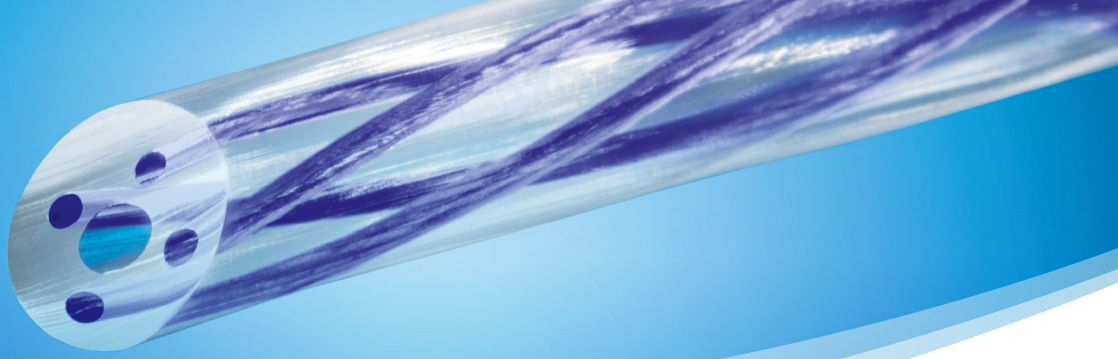
HelixTwist™



PROPRIETARY MULTI-LUMEN TECHNOLOGY FOR MINIMALLY INVASIVE, CARDIAC AND GENERAL MEDICAL SILICONE APPLICATIONS

HelixTwist™ is a proprietary multi-lumen technology designed to prevent kinks or blocked lumens by exerting an equal balance of stress across the inner and outer lumens as a tube bends. HelixTwist™ tubing is optimal for pacemakers, breathing tubes, neurostimulation and other applications that require navigation through tortuous pathways within the human body.

ABOUT FREUDENBERG MEDICAL

Freudenberg Medical is an experienced global partner for the design, development, and manufacture of innovative medical device technologies. Our deep experience and capabilities range from minimally invasive, catheter and handheld technologies to the development and production of challenging silicone, thermoplastic and metal components. We process advanced materials with cutting-edge processes such as precision molding, complex extrusion, laser machining and custom coatings.

- Maximum of 6 inner lumens
- OD up to 6,00 mm +/- 0,10 mm (~ 0.24")
- Available with implant-grade silicone material and / or radiopaque properties
- Durometer: 60 Shore A – 80 Shore A
- Color: Translucent or colored according to customer specification
- Clean room Class 8 production, ISO 13485 certified
- Packaging: Double PE bag, sealed, label on inner bag. Tubing coils, on spools or cut-to-length according to customer specification
- In-line measurement control of inner and outer diameter with state-of-the-art Helix iMC™ technology
- Project management and feasibility analysis with help of our in-house Application Engineering team
- Validation: Standard validation protocol readily available, or according to customized validation requirements
- In-house test labs to support testing of physical, chemical, rheological properties or with failure analysis