

# Catheter Solutions

## Thermoplastic tubing



### Trusted expertise

From very thin-walled PEEK tubing for high-precision endovascular catheters to reinforced tubing for single-use endoscopes, our expertise in thermoplastic resins and custom extrusion gives us the ability to meet all your catheter needs.

- Custom complex tubing with tight tolerances
- Braided and coiled reinforced tubing
- Multilumen extrusion up to 13 lumen
- Coextrusion and overmolding

## Fluoropolymer tubing



### When low friction meets insulation and resistance

From high temperature and chemical resistance, sterilization compatibility, to excellent electric properties, fluoropolymer tubing enables solutions for the most challenging catheter applications.

- Precision PTFE, FEP, PFA extrusions
- PTFE, PFA and FEP heat shrink tubing
- Tapered tubes
- Ring marking / printing
- Covering and multilayers

### THERMOPLASTIC EXPERTISE

- PA
- PEBA
- PEEK
- PU
- PC
- HDPE & LDPE

With in-house compounding for coloring, radiopaque charge and custom shore hardness.

### APPLICATIONS

- THVR delivery system
- Single use endoscope
- Orthopedics

### FLUOROPOLYMER EXPERTISE

- PFA
- PTFE
- FEP & EFEP
- ETFE

### APPLICATIONS

- Endoscopy: Accessories in working channel
- THVR delivery system shaft (consumable)
- Structural heart: Shrink tubes for electrical insulation

# Minimally invasive delivery system design and manufacturing

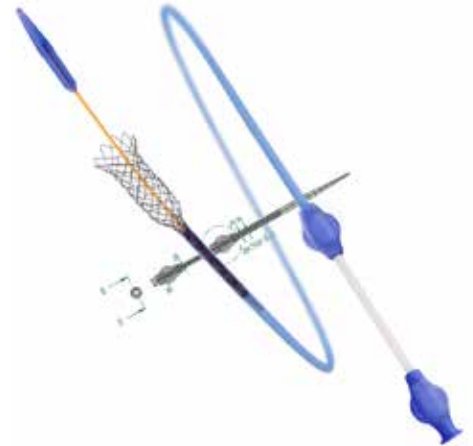
Design > Prototypes > Clinical Products > Mass Production

## Complete system capabilities:

- Complex tipping
- Engineered steerable shaft
- Custom overmolded parts
- Handle design and manufacturing
- Sensors, optical fiber, LED assembly

## Our services:

- ISO 8 clean room for prototyping iterations and manufacturing
- Experienced engineers dedicated to your project
- Comprehensive customer change notification program



## 30+ years of expertise in a wide range of therapeutic areas



### CARDIOVASCULAR AND STRUCTURAL HEART

- THVR delivery system (TAVR, TMVR, TTVR)
- Left atrial appendage (LAA) closure
- Leadless pacemaker
- Coronary bifurcation stent delivery system
- Diagnostic catheter



### NEUROLOGY

- Neurovascular guiding catheter
- Clot retriever device for acute ischemic stroke
- Balloon catheter



### GASTROENTEROLOGY

- Endoscopic suturing system
- Laparoscopic mixing device for surgical sealant
- Implant delivery system for acid reflux disease



### PULMONARY

- Laser technology measurement endoscope
- Single use bronchoscope
- ENT navigation system

## We design, develop and deliver custom medical components and engineered systems for medical devices

Silicone Molding • Filtration Technologies • Extrusion Solutions • Catheter Systems • High Purity Closures

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