

REINFORCED SHAFTS AND COMPLEX COMPONENTS

Vention Medical has an extensive portfolio of advanced component technologies for the development and manufacture of catheter-based devices. Leveraging the technical knowledge of veteran braiding experts, our new Center of Excellence is the industry-leading partner for complex braided shaft and component solutions. Let Vention's experts partner with your engineering team today to provide leading edge solutions.



BRAID-REINFORCED SHAFTS

Vention can provide a wide range of braided shafts in both micro and large sizes ranging from 0.3F – 32F.

Reinforcement is ideal for medical device components including:

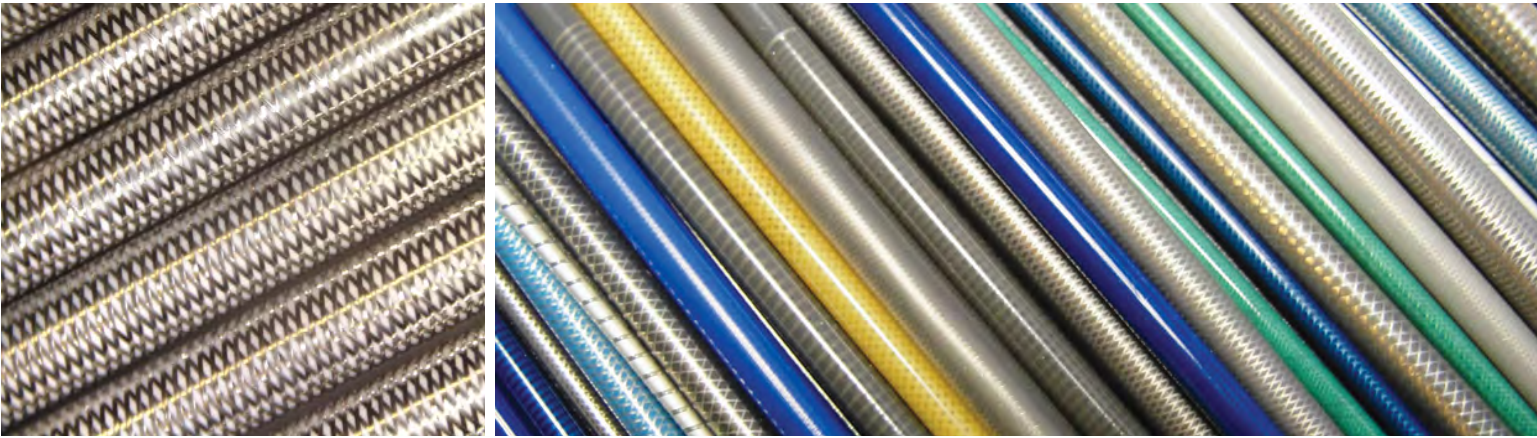
- Braided catheters
- Multi-durometer braided shafts
- Deflectable/ Steerable shafts
- Tapered braided shafts
- Variable pitch braided shafts
- Coil reinforced shafts
- Multi-lumen braid reinforced shafts
- Hybrid braided/coiled shafts

UNIQUE APPLICATIONS

- Micro-catheters
- Fiber optics
- High-pressure systems
- MRI compatible devices
- TAVI devices
- Energy delivery systems

Vention can manufacture a variety of complex shafts in as little as 2 weeks!

EXPERTISE AND SOLUTIONS



Whether you're looking to outsource small scale-production or high-volume manufacturing activities, we have the flexibility and expertise to provide cost-effective solutions at the highest quality. Additionally, we can provide off-the-shelf braided tubing or complex customized braided systems that can be developed for your specific application.

Our new braided shaft center of excellence further enhances our already extensive offering of medical balloons, catheters, multi-layer extrusions, heat shrink tubing, polyimide and micro-tubing for a variety of catheter assemblies and minimally invasive medical devices.

BENEFITS OF PARTNERING WITH VENTION

Faster than industry standard lead times.

Deep breadth of offering and capabilities including 48 carrier braider and many unique braid materials.

One place to get braid-reinforced shafts with all secondary processing capabilities including:

- Soft tips
- Overmolded hubs
- Forming
- Pad printing
- Tapering
- Grinding
- Hole punching
- Radiopaque marker bands
- Performance testing

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