



TFX OEM® MICROCATHETERS

AT A GLANCE

- Teleflex Medical OEM has the deep expertise and decades of experience to take your microcatheter project from concept to completion.
- Configurations include multiple durometers and multiple stiffness shafts.
- Custom sizes, lengths, and colors are available.
- Customization options include marker bands and radiopaque fillers.

Teleflex Medical OEM is a Global Leader in the Production of Ultra-Small Microcatheters

CONFIGURATIONS

- Multiple durometers and multiple stiffness shafts
- Typical size range is 1.1Fr to 5Fr
- Braid with flexible coil tip
- Catheters can be supplied as shaft only or with bonded hubs/assemblies

JACKET MATERIALS

- Nylon/Pebax®
- Polyurethane
- Customer specified material

LINER MATERIALS

- PTFE
- FEP
- HDPE
- Nylon/Pebax®

MARKER BANDS AND FILLERS

- Platinum/Iridium radiopaque marker bands can be encapsulated in the shaft wall.
- Radiopaque fillers:
 - Barium Sulfate
 - Bismuth Subcarbonate
 - Bismuth Trioxide
 - Tungsten or encapsulated Tungsten layer

BRAID/COIL MATERIALS

- Stainless steel (flat or round wire)
- Nitinol
- Platinum
- Non-metallic

DESIGN CONSIDERATIONS

- Coiled shafts are more flexible/kink resistant, but don't offer the same torque capabilities as a braided shaft.
- Flatwire is generally used for thin walled applications.



More Choices for Wire Size and Patterns. More Possibilities. Teleflex Medical OEM Can Custom Shaft Performance Characteristics to Meet Your Requirements.

BRAID WIRE DENSITY

Braid wire density is described as Picks Per Inch (PPI), which is the number of wire crossovers per inch of shaft.

Teleflex Medical OEM can supply up to 250 PPI (depending on wire and tube sizes).

BRAIDING OPTIONS

- Teleflex Medical OEM offers various braid wires, materials, "pitch" and configurations, which include:
 - Two-diagonal
 - Three-diagonal
 - Four diagonal
 - Round
 - Spiral
- Round: 0.001" (0.025mm) to 0.004" (0.10mm)
- Flat: 0.0005" x 0.003" (0.013mm x 0.08mm) to 0.002" x 0.007" (0.05mm x 0.18mm)

PARTNER WITH TELEFLEX MEDICAL OEM

You need to develop and manufacture a new product but have limited internal resources. Teleflex Medical OEM is ready to help. We have the experience, expertise, and in-house resources to take your project from concept to completion.

Whether you need extrusion or a finished medical device, Teleflex Medical OEM should be your design, development and outsourcing partner. Along with our "can-do" attitude, we offer engineering expertise, fully vertically integrated manufacturing capabilities, and a dedication to customer service.

TFX OEM® GLOBAL CONTACTS

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