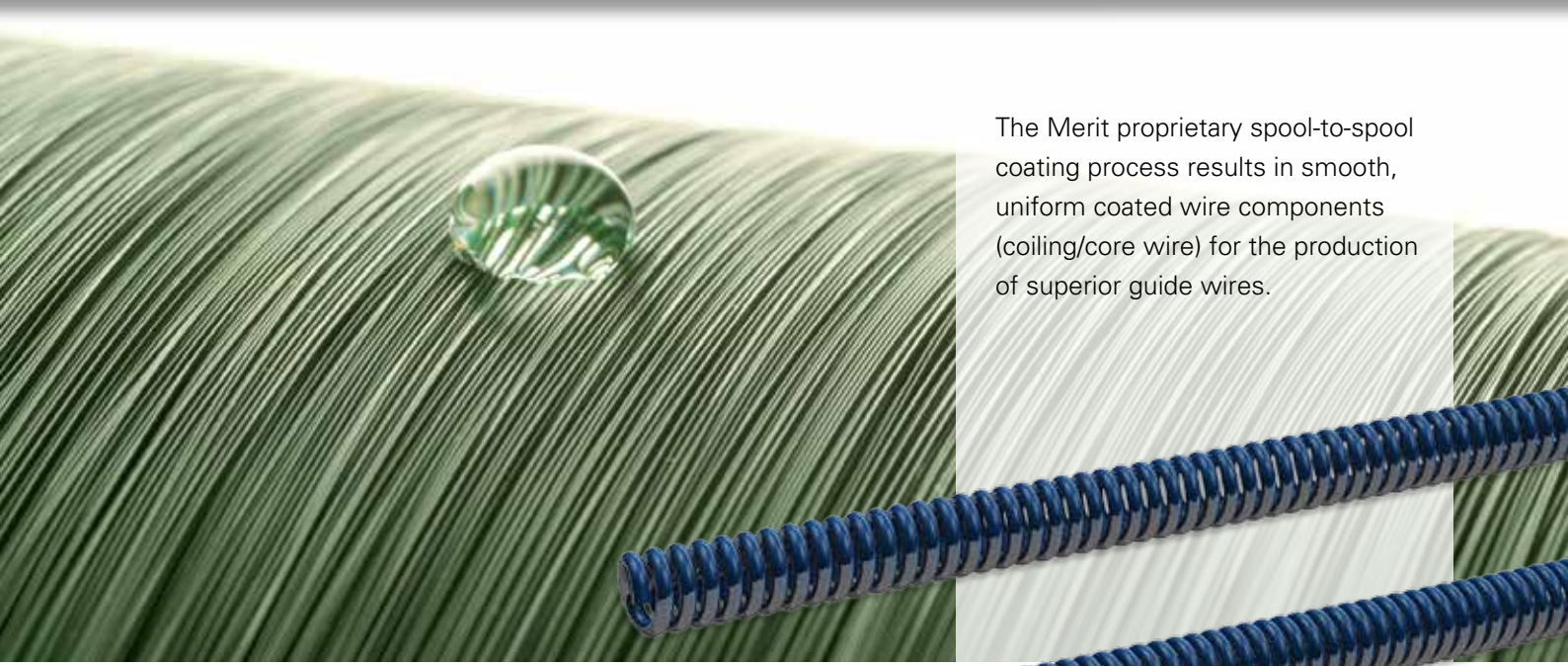


Coated Guide Wire Components



The Merit proprietary spool-to-spool coating process results in smooth, uniform coated wire components (coiling/core wire) for the production of superior guide wires.



Guide Wire Coil

Merit Medical utilizes a unique spool-to-spool coating process that creates coated guide wire components that are smoother and more consistent with tighter tolerances. Merit's coated guide wire components are available for coated core, coiling and coiled wire in a variety of diameters and base materials, including round or flat; stainless steel and nitinol. Merit offers a complete range of coating options, including PFOA-free PTFE and hydrophilic coatings. In addition, Merit's coated guide wire components can be delivered in a variety of forms such as spooled, straightened, cut to a specific length or coiled.

Coated Guide Wire Components Specifications



Merit's continuous wire coat



Typical competitor's spray coat

Merit's proprietary process of coating wire prior to coiling results in a smooth, uniform finish not achieved with conventional spray-coated coiled wire that tends to crack.

Benefits of Merit Medical's Coated Guide Wire Components

- Continuous coating process ensures consistent diameters and tighter tolerances and prevents cracking and flaking typical of spray-coated coiled wire
- PTFE or hydrophilic coating results in a one-to-one torque
- Additional oils are not needed during the coiling process with our LubriSkin™ coating, which acts like lubricant
- Recently upgraded technology produces higher-quality coiling services
- Superior in-house manufacturing services available for core wire including single taper, multiple taper, flattening, grinding, rounded ends and laser ablation
- Bulk coating process ensures guide wire components are consistently coated from one to the next

Technical Information

In-House Finishes and Finishing Processes

- Coil Finishes: OD/ID coil, pitch, length
- Core Wire Finishes: single taper, multiple taper, length, uncoated
- Processes: laser cutting, laser ablation, coiling, straightening, precoating, cut-to-length, grinding, flattening, round ends, cleaning, packaging

Wire Diameter Range

- Round – 0.038mm - 1.0mm (.0015" - .039")
- Flat — available on request

Coating Options, Thicknesses and Colors

- PFOA-free PTFE LubriSkin™ and DuraSkin™
- Hydrophilic SlipSkin™
- For wire diameter $\leq 0.254\text{mm}$, $2\mu\text{m} - 7\mu\text{m}$ (.00008"-.0003") per side
- For wire diameter $\geq 0.254\text{mm}$, $4\mu\text{m} - 10\mu\text{m}$ (0.00016" - 0.0004") per side
- Other thicknesses on request
- Black, Blue, Clear, Green, Gray

Base Materials

- Stainless Steel Round Wire (304 or 304V)
- Stainless Steel Flat Wire
- SS304V 35N LT®*
- SS304V SLT®*
- Platinum/Iridium Alloy
- Titanium
- Tungsten
- Nitinol
- Other materials on request

Delivery Options

- Prestraightened or unstraightened and coated on spools (DIN standards available)
- Straight and cut-to-length
- Coiled
- Custom tapered profile

Applications

- Cardiovascular Diagnostic/Interventional Guide Wires
- Neurovascular Interventional Guide Wires
- Peripheral Vascular Guide Wires
- Endoscopy Coils



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