

Take a new look at The Merit Hypotube™

SMARTER INNOVATION. ADVANCED PROCESSES. SUPERIOR RESULTS.

# Advanced Hypotube Solutions from a Company You Trust



*Smooth, precise and capable hypotubes translate directly into better performance, improved medical outcomes and more confidence in your catheter and functional guide wire products.*

Where can you turn for finished hypotubes that consistently deliver the superior performance and results your products deserve? Today, more than ever, the answer is **The Merit Hypotube**.

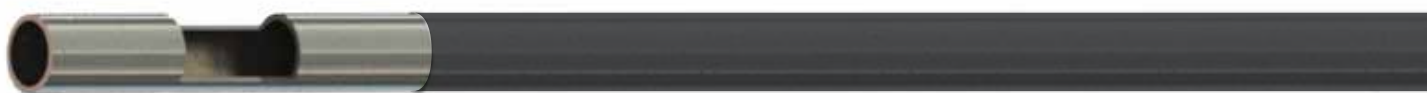
In addition to providing proven and reliable coated hypotube solutions since 2000, Merit has made significant new investments in best-in-class processes and technologies, so our finished hypotubes always meet your highest standards of performance and deliver the widest range of options and capabilities.

## Constant Innovation

**The Merit Hypotube** difference starts with some of the *world's most advanced laser cutting and laser ablation technology* at a new state-of-the-art manufacturing *Center of Excellence* in Galway, Ireland. This allows us to deliver finished hypotubes with cleaner and more precise cuts, a virtually unlimited range of cutting options on both coated and uncoated surfaces, and impressively precise and accurate ablations.

## Advanced Processes

**The Merit Hypotube** combines the most advanced coating materials with a world-renowned continuous spool-to-spool coating process that creates coatings that are more consistent and more precise than other coating methods. This process also applies coatings in thin layers, which makes it possible to create custom solutions with nearly unlimited flexibility to meet any specification.



## Flexible Finishing Options

**The Merit Hypotube** offers you nearly unlimited flexibility to create your own specialized solutions. Our engineers are standing by to apply advanced in-house finishing options that perfectly match your needs. And when you work with the Merit team, you can always count on close, personalized service and support through every step of the process, from initial concept design through prototyping and final production.

## Rigorous Testing and Inspection

Advanced and automated 100% leak test capabilities, spanning the complete and highest range of customer pressure requirements available.

## Zip Release Technology

Merit securely packages hypotubes using our unique Zip Release technology, making the unpacking process easier for our customers.

## Superior Results

All of the technology, innovation and expertise behind **The Merit Hypotube** is focused on one simple goal: delivering finished hypotubes that improve your catheters and help your customers achieve better medical outcomes. That means you get optimized catheter balloon deflation times, superior kink resistance, and the highest levels of torqueability and trackability.

## Best-in-Class Finishing Options

Merit offers a complete range of customized in-house precoating and finishing options, so you can create the ideal solution for your finished balloon catheters or functional guide wires.

Square, spiral, skive and combination cuts

Slot cuts (single or double, end or mid-tube)

Seam-weld and point-weld stylets

Laser cutting and laser ablation

Surface roughening

Straightening

Cut to length

Visual markers

Hub attachment (molded and/or adhesive)

Cleaning

Passivation

Leak testing and auto inspection

PFOA-free PTFE coating options

Standard (4µm – 10µm) or customizable coating thicknesses

Coating for a wide range of tube sizes (0.30mm – 0.90mm OD)

Multiple color coating options, including black, blue, green



## The Merit Hypotube Advantage

What sets **The Merit Hypotube** apart from the competition? Here are a few specific differences to consider.

**The most advanced laser-cutting and laser ablation technologies** resulting in cleaner, more precise custom cuts and finishes.

**Cleaner cuts** eliminate the need for a harsh chemical cleaning process.

**New machinery and automated processes** deliver higher volumes with faster lead times.

**The ability to cut spirals on both PTFE coated and uncoated tubes** reduces friction and increases flexibility.

**Higher-pressure leak testing on every tube** – together with controlled inspections of the full diameter and length of tubes – improves quality and performance.

**Bulk coating process** increase consistency from one tube to the next.

## A Partner You Can Trust

**The Merit Hypotube** is backed by dedicated, customer-focused design, engineering, sales and service teams that are always standing by to work hand in hand with your engineers. This kind of close, personalized and collaborative partnership allows us to add more value to your finished products and deliver superior results

for your customers. When you choose Merit Medical OEM, you also tap into the resources and expertise of Merit Medical Systems, an established industry leader with a stellar reputation, over 25 years of experience in medical device design and manufacturing, and a strong global presence.

## Take a new look at The Merit Hypotube™ today.

Learn more about how **The Merit Hypotube** can enhance and improve the performance of your medical devices today.

Visit [MeritOEM.com](http://MeritOEM.com) for more information.



**Merit Medical OEM** is a division of **Merit Medical Systems, Inc.** (NASDAQ: MMSI), a leading medical device manufacturer with offices, resources and manufacturing facilities around the world.