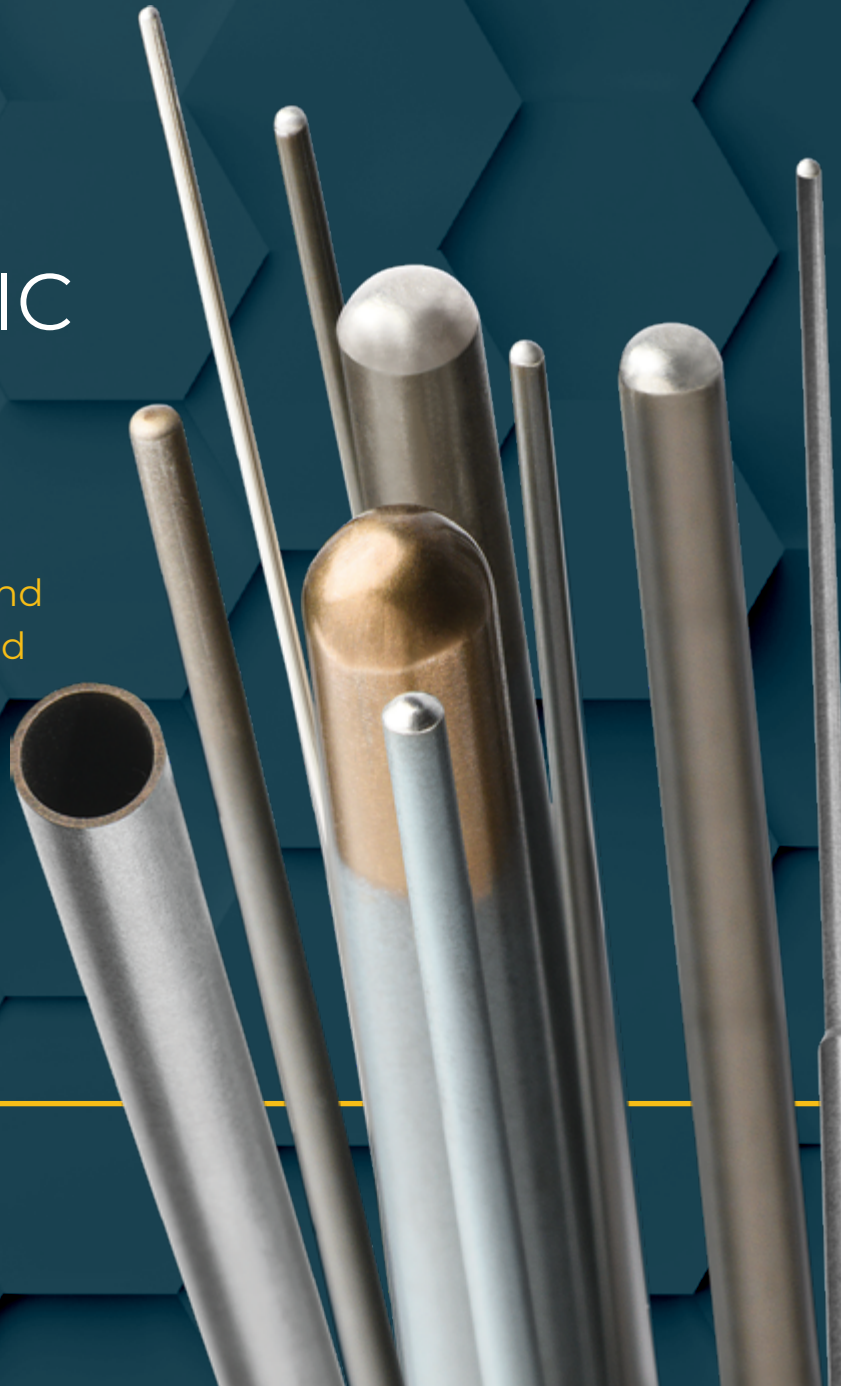




APPLIED  
PLASTICS

# YOUR STRATEGIC PTFE COATING PARTNER

Delivering exceptional products and solutions to support your advanced catheter systems **from concept to commercialization.**



# SUPERIOR MEDICAL DEVICES REQUIRE SUPERIOR COATING SOLUTIONS

At Applied Plastics we support the design and manufacturing of advanced interventional catheter systems. We supply PTFE Coated solutions for catheter components and manufacturing tools to customers ranging from large OEMs and contract manufacturers to small start-ups and R&D firms.

## ✓ **Interventional Medical Device Segments:**

- Peripheral Vascular
- Neurovascular
- Structural Heart
- Electrophysiology
- Endovascular
- Cardiology



## **Superior Products**

PTFE Natural® Coating Solutions deliver the best performing, most robust, and lubricious PTFE-coated products on the market, allowing you to be confident you are selecting the best solution for your project.

## **Product Availability**

We understand the industry's need for availability and speed. Our team works to stock an extensive inventory in a wide range of diameters for both PTFE Natural® coated and uncoated material. Our team can support your entire PTFE coating supply chain including procurement of standard or custom raw material, coating, inventory management, and delivery.

## **Engineering & Customer Support**

Our engineers are able to provide you with experienced support when you have complex coating requirements or unique grind specifications. And when you are ready to transition to production our responsive Sales and Customer Support teams help you manage the supply chain every step of the way.

# DISCOVER THE PTFE NATURAL® DIFFERENCE



## ✓ Products & Services

We apply our PTFE Natural® coating to a variety of metal substrates used in various applications within catheter design and manufacturing including core wires, pull wires, guidewires, stylets, mandrels, and hypotubes. Our ability to apply the best-performing PTFE coating at tight tolerances makes our solutions ideal for critical catheter design and manufacturing applications.

### Manufacturing Aids

- Extrusion Mandrel
- Reflow Process Mandrel
- Tipping, Forming & Welding Mandrel
- Hypotubes

### Products and Components

- Core Wire
- Pull Wire
- Guidewire
- Stylets

### Substrate Material

- Various Stainless Steel
- Nitinol
- Silver Plated Copper (SPC)
- Custom Metal Alloys

## Custom Capabilities

The PTFE Natural® coating process provides an ideal finish for custom-shaped and ground material allowing for easier mandrel removal and consistent ID features in your manufacturing processes.

### Custom Features

- Stepped
- Tapered
- Slotted/Grooved
- Skived

### Special Processing

- Coating Removal
- Laser Marking
- Wire Forming

CONTACT US

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[appliedplastics.com](https://www.appliedplastics.com)

# APPLIED PLASTICS ONLINE STORE

**Spend less time looking for the PTFE coated wire you need and more time building with it.** Speed and availability are critical in the design and development of interventional catheters. The Applied Plastics Online Store provides you with quick and easy access to the product you need when you need it. Shop an extensive inventory of coated and uncoated products readily available for your R&D project and whether you are working normal business hours or late to meet a deadline your online order ships in 24 hours.



## Easy access for R&D & Manufacturing teams:

- Quick and simple access to PTFE Natural® Coated Wire
- Support for growth and transition from design to production
- Always available online quoting tool for fast after hours support

## PTFE Natural® coated SS Wire

- Diameters from 0.0070” – 0.100” (0.178mm – 2.54mm)
  - Half Sizes available from 0.007” through 0.0455”
  - Standard 73” (185cm) Length

## PTFE Natural® coated SS Hypotubes

- Diameters from 10 French (0.131” /3.3mm) – 30 French (0.393” /10mm)
- Standard 60” (152.4cm) Length

## Shop the store for:

- Extensive Product Selection
- Orders Ship in 24 hours
- Proximal and distal ends radiused
- Certificate of Compliance included with each order
- International Shipping
- All Major Credit Cards Accepted



Visit the Applied Plastics online store to browse the wide range of in-stock PTFE Natural® coated mandrels, pull wires, and hypotubes ready to ship in 24 hours!

[appliedplastics.com/shop](https://appliedplastics.com/shop)