PTFE NATURAL® FLEX

Optimal Performance for Steerable Catheter Designs

PTFE Natural® Flex is the next-generation pull wire coating engineered by Applied Plastics. Developed as part of the PTFE Natural Family of Coating Solutions, Flex optimizes lubricity, adhesion, and durability to support the unique requirements of steerable and deflectable catheter designs.

Bring your next device to market with confidence. Backed by Applied Plastics' unmatched quality, and coating expertise, **PTFE Natural® Flex** enables OEMs and contract manufacturers to bring innovative devices to market with speed and confidence.

Key Benefits

- Improve performance with a purpose-built pull wire coating
- Accelerate development timelines with responsive turnaround and production ready inventory
- Optimized wear resistance provides confidence during repeated deflection
- Exceptional lubricity supporting smooth wire movement

Applications

- Steerable Catheters
  - Single and Multi Angle Deflections
- Pull ring assemblies for electrophysiology, neurovascular, structural heart devices, and more

PTFE Natural® Flex
Substrates Available: 304 Stainless Steel, Hyten
Diameter Range: 0.008" - 0.012"
Coating Ablation (Optional): 0.080" - 1.500" ±0.010"

APPLIED PLASTICS

Purpose-built for pull wire applications, this coating enhances assembly efficiency while reducing design risks.

Why Applied Plastics?

Applied Plastics is more than a coatings supplier—we are your strategic partner in advancing interventional devices. With unmatched coating expertise, speed, and quality, we help ensure your pull wires perform when it matters most.

Superior Quality

- Proprietary **PTFE Natural®** process delivers consistent coating thickness and tight tolerances, ensuring reliable performance across every lot.
- Reduce manufacturing risk through consistent, high-quality coatings built on decades of expertise and superior quality
- A partner that focuses on speed to market—accelerating your innovation cycle without compromising performance or quality.

Expertise

- Decades of leadership in medical device coatings with a proven track record supporting the world's leading OEMs and CMs.
- Deep understanding of catheter development challenges, enabling collaborative problem solving.
- A trusted resource for R&D engineers, providing guidance on coating selection, design integration, and manufacturability.