

Precision Medical Extrusion of Thermoplastics and Silicone

Lubrizol offers precise extrusion solutions for various medical applications, such as Coronary, Peripheral and Neurovascular, Cardiac Rhythm Management, Neurostimulation, and Electrophysiology. These solutions involve custom extrusion of thermoplastics and silicone in controlled environments to meet your specific needs.

Lubrizol's expertise in the manufacturing of complex configurations and tight tolerance results in quicker time to market and cutting-edge medical devices.

Quality Minimally Invasive Catheter & Extrusion Based Medical Devices

Precision extrusion is a critical component for all catheter based products, whether it is for a minimally invasive, vascular or electro-stimulation application. Lubrizol's custom extrusion services, along with our experienced technical team, support engineers and designers in meeting their product's exact requirements.

Material Expertise: Enhancing Product Design

Lubrizol specializes in the full range of thermoplastics and silicone materials. Our team will assist engineers in selecting the optimal material and geometry to meet the functional, mechanical and biocompatible requirements of the device.

Integrating Materials, Tooling, Process and Quality Control

Lubrizol offers an integrated approach to technology and continuous improvement. Our engineering team constantly evaluates new materials, tooling and technologies to further enhance our capabilities. All of our processes conform to ISO guidelines.

Experience, Expertise and Customer Service

Lubrizon delivers quick and accurate responses to all requests. Our expertise includes:

- OD sizes from 0.005" - 1.5" (0.13 mm- 38 mm), depending on raw material
- Tolerances as low as ± 0.00025 " (0.0063 mm), depending on raw material
- Single-lumen, multilumen and beading (solid rod)
- Striped and multilayered coextrusions
- Bump tubing and transition tubing (also called tapered)
- Wire coating and over-extrusion
- Irradiated heat shrink and balloon tubing
- Kink-resistant tubing
- Braid and coil reinforced tubing
- Rapid extrusion services



About Lubrizon Life Science - Lubrizon partners with customers to speed their innovative medical devices and differentiated pharmaceutical products to market. Our dedicated team provides best-in-class polymers and excipients, along with state-of-the-art product design, development, and manufacturing services, with the ultimate goal of creating solutions that improve patient outcomes. For more information visit www.lubrizonmeddevicecm.com.