

PI Tubing

AccuPath® PI tubing is widely used in medical devices, including cardiovascular catheters, urological retrieval devices, neurovascular applications, balloon angioplasty, stent delivery systems, and intravascular drug delivery. The unique manufacturing process of AccuPath® allows for the production of tubing with thinner walls and smaller outer diameters (OD) while maintaining greater dimensional stability than extruded tubing.



Key Features

- Very thin wall thickness
- Outstanding electrical insulation properties
- Torque transmission
- Ability to withstand very high temperatures
- USP Class VI Compliance
- Ultra-smooth surface & transparency
- Flexibility & kink resistance
- Superior pushability & tractability
- Column strength

Applications

- Guidewire tracking
- Balloon protectors
- Introducer sheaths
- Fluid transfer tubing
- Passage of other devices
- Fluid flow

Technical Data	Unit	Typical Value	
Product type		PI tubing	Braid-reinforced PI tubing
Inner Diameter	mm (inch)	0.1~2.2 (0.0004~0.086)	0.3-2.2 (0.012~0.087)
Wall Thickness	mm (inch)	0.015~0.2 (0.0006-0.079)	0.05-0.2 (0.002-0.008)
Length	mm (inch)	≤2500 (98.4)	
Color		Amber, black, green and yellow	
Tensile Strength	PSI	≥20000	
Breaking Elongation	%	≥30	
Service Temperature	°C (°F)	-200-240 (-392-464)	

Quality Management

AccuPath implements a strict ISO13485 quality management system and builds a standardized 10,000-grade purification workshop to ensure that the products meet the biological requirements of medical devices. At the same time, advanced manufacturing equipment and precision measuring instruments, as well as strict inspection and testing methods, ensure that the quality of the products meets the requirements for the use of high-end medical devices.

Ordering Information

Our experts can guide you in material selection, tubing specifications, and custom-cut lengths to fit your specific Products requirements.