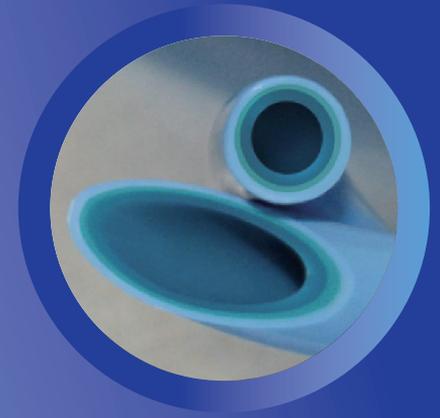


Multi-Layer Tubing

AccuPath® multi-layer tubing mainly consists of PEBAx or nylon outer layer material, linear low-density polyethylene intermediate layer, and high-density polyethylene inner layer. We can provide outer layer materials with different properties, including PEBAx, PA, PET and TPU, as well as inner layer materials with different properties, high-density polyethylene. Of course, we can also customize the colors of the three-layer inner tubes according to your product requirements.



Key Features

- High dimensional accuracy
- High Bond strength between layers
- High concentricity of inner and outer diameters
- Excellent mechanical properties

Applications

- Balloon dilatation catheter
- Cardiac Stent System
- Intracranial arterial stent system
- Intracranial covered stent system

Technical Data	Unit	Typical Value
Outer Diameter		minimum 0.5 (0.0197)
Wall Thickness		minimum 0.05 (0.0020)
Tolerance	inch	minimum ± 0.0076 (± 0.0003)
Layer Thickness	inch	minimum 0.0127 (0.0005)
Concentricity	%	≥ 90
Design		Two-layers; Three-layers
Outer Layer Material		PEBAx material series, PA material series, PET series, TPU series, or a mixture of different materials
Inner Layer Material		PEBAx, PA, HDPE, PP, TPU, PET

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.