

# Bioabsorbable Tubing

AccuPath® team specializes in providing implantable-grade bioabsorbable materials and medical coating solutions to manufacturers of catheters, stent delivery systems and other minimally invasive devices used for diagnostic purposes. AccuPath® bioabsorbable tubings offer flexibility and customization in terms of performance, wall thickness, gauge and ID/OD options to meet the needs of a wide variety of high-end medical device applications.



## Key Features

- Tubing OD range: 0.3-7.0mm (0.012"-0.276")
- Oriented tubing minimum wall thickness: less than 100µm
- Maximum tubing length: up to 1000mm
- Performance: Thinner wall thickness, better radial strength, ability to customize rates of absorption

## Applications

- Bioabsorbable vascular stent (BRS)
- Tissue engineering

Technical Data	Unit	Typical Value
Material		PLLA, PLD, PLGA, PLCL
Outer diameter	mm (inch)	Non-Oriented tubing: 0.3-7.0 (0.012-0.276) Oriented tubing: 2.0-5.0 (0.079-0.197)
Wall thickness	µm (inch)	Non-Oriented tubing: 50-2000 (0.00197-0.787) Oriented tubing: 50-300 (0.00197-0.0118)
Dimensional tolerance	mm (inch)	OD tolerance: ±0.05 (±0.00197) Wall thickness tolerance: ±0.005 (±0.000197)
Maximum cutting length	mm (inch)	Non-Oriented tubing: 1000±5 (39.37±0.197) Oriented tubing: 300±5 (11.81±0.197)
Color		Customizable
Biocompatibility		Meets ISO 10993 and USP Class VI requirements
Environmental protection	°C (°F)	RoHS Compliant

## 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/filament specifications, and custom-cut lengths to fit your specific biodegradable tubing/filament requirements.