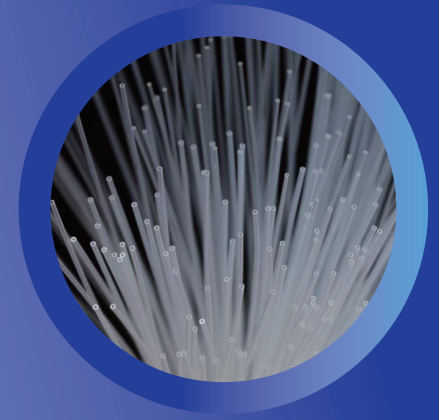


# Balloon Tubing

AccuPath® balloon tubing is extruded from high-purity materials using special processes to hold tight OD and ID tolerances and control mechanical properties, such as elongation for better yields. Additionally, AccuPath's engineering team also forms balloons, thus ensuring the proper balloon tubing specifications and processes are designed to meet the end-user requirements.



## Key Features

- High dimensional accuracy
- Small percentage elongation and high tensile strength
- High inner and outer diameter concentricity
- Balloon with thick wall, high burst and fatigue strength

## Applications

Balloon tubing is a key component of a catheter due to its unique properties. It is now widely used in angioplasty, valvuloplasty, and other balloon catheter applications.

## Technical Capacity

### Precision dimensions

- The minimum outer diameter of the double-layer balloon tubing we provide can reach 0.01inch, with a tolerance of  $\pm 0.0005$ inch for both inner and outer diameters, and a minimum wall thickness of 0.001inch
- The concentricity of the double-layer balloon tubing we provide can reach over 95%, and there is excellent bonding performance between the inner and outer layers

### Various materials available for selection

- According to different product designs, the double-layer balloon material tube can be selected from different inner and outer layer materials, such as PET series, Pebax series, PA series, and TPU series

### Excellent mechanical properties

- The double-layer balloon tube we provide has a very small range of elongation and tensile strength
- The double-layer balloon tube we provide has high resistance to burst pressure and fatigue strength (Range control  $\leq 100\%$ ).

## 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.