

Polyolefin Heat Shrink Tubing

AccuPath's Polyolefin Heat Shrink tubing is a crosslinked modified polyolefin heat shrink tubing, which is made up of imported resin under multi-step process.

AccuPath's Polyolefin Heat Shrink tubing with different flexibility provides comprehensive solutions for welding process and protection in medical device industry.



Key Features

- Shrink ratio up to 2:1,3:1,4:1
- Good dielectric properties
- Good temperature resistance
- Easy peel off
- High transparency
- Good dimensional stability

Applications

- Welding assistance
- Offers protective jacket

Technical Data

	Unit	Typical Value
Shrinking Temperature	°C (°F)	>95 (203)
Continuous Service Temperature	°C (°F)	-55~135 (-67~275)
Tensile strength	MPa	>10.4 (ASTM D 2671)
Ultimate elongation	%	>200 (ASTM D 2671)
Longitudinal change	%	-10~0
Sterilization Methods		Steam, Ethylene Oxide (EtO)
Cytotoxicity Test		Pass GB/T 16886-5:2017
Hemolytic Properties Test		GB/T 16886-4:2022
Heavy Metal Test - Lead/Pb - Cadmium/Cd - Mercury/Hg - Chromium/Cr (VI)		<100ppm, according to RoHS 2.0, (EU) 2015/863

Polyolefin heat shrink tubing storage conditions:
Normal room temperature (18°C to 35°C) and out of direct sunlight.

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.