

POLYESTER (PET) HEAT SHRINK TUBING

THE WORLD'S THINNEST, SMALLEST & STRONGEST HEAT SHRINK TUBING

Vention Medical's polyester (PET) heat shrink tubing is ultra-thin-walled, high-strength, optically clear or pigmented and heat shrinkable.

This Advanced Polymers' technology was developed specifically for the medical device industry, and has been at the leading edge of medical device tubing since its creation.



PET HEAT SHRINK TUBING IS AN EXTREMELY UNIQUE MATERIAL WITH IMPRESSIVE CHARACTERISTICS INCLUDING:

- ▶ Wall thicknesses as thin as 0.0001 to 0.004 inches/0.00254 to 0.1016 millimeters (over 10 times thinner than other commercial heat shrink tubing)
- ▶ Diameters as small as 0.006 to 1.5 inches/0.1524 to 38.1 millimeters
- ▶ Precise lengths ranging from 0.020 inches to 8 feet or more
- ▶ Highest tensile strength of any unreinforced tubing
- ▶ Excellent electrical insulator with dielectric strength >4,000 v/mil

READY-TO-SHIP TUBING SPEEDS PRODUCT DEVELOPMENT & SAVES COSTS:

Our online offering of polyester (PET) heat shrink tubing helps you speed product development timelines by avoiding the wait for price quotes and long lead times. You have quick and easy access to hundreds of sizes of heat shrink tubing available in a variety of wall thicknesses and colors for immediate shipment.

GO TO OUR ONLINE STORE TO ORDER YOUR TUBING TODAY.

FEATURES

- ▶ Shrinkable over a broad range of temperatures (85°C–190°C/185°F–374°F)
- ▶ Extremely smooth surface finish of ID transfers to processed components
- ▶ Axial shrinkage aids in pulling components together
- ▶ Tubing can be “heat set” to shape, ensuring stability up to certain temperatures
- ▶ Vention Medical now offers custom PAD printing of polyester (PET) heat shrink tubing
- ▶ Can be sterilized using ethylene oxide, gamma radiation, e-beam or autoclaving
- ▶ Available in a wide range of colors including clear, white, black, green, orange, purple, yellow, transparent colors and any other custom colors
- ▶ Meets USP Class VI and ISO 10993 requirements

APPLICATIONS

- ▶ Braid termination
- ▶ Insulation
- ▶ Encapsulation, bundling and strain relief
- ▶ Masking for coating procedures
- ▶ Micro-hose clamps
- ▶ General reflow (RX ports, braided shaft lamination, etc.)



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