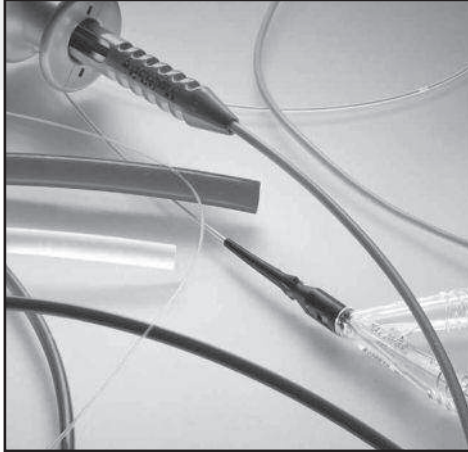


**MT-PBX**

**Medical Single-Wall Heat Shrink Tubing**



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**Description**

Raychem brand heat-shrinkable single-wall poly-ether block amide (PEBA) tubing provides another option to your medical device needs. MT-PBX is a tough robust heat-shrinkable material that does not require the use of a process aid saving time and reducing cost. MT-PBX is suitable for use as a strain relief, process aid, mechanical protection, insulation, color coding, or many other custom specific formulations that you require. MT-PBX tubing has a predetermined Shore D Durometer and is cross-linked by irradiation.

**Recovery Temperature**

Will reduce to predetermined size upon application of heat in excess of 180° - 190°C (Shore D dependent, lower durometers will recover at lower temperature)

**Specifications/Approvals**

U.S. Pharmacopeia Class VI Plastics  
ASTM D 2671

**Sterilization**

Can withstand repeated autoclave sterilization; sterilization by Gamma Radiation, Ethylene Oxide, steam, and/or dry-heat

**Electrical**

Dielectric strength: 500 Volts/mil minimum

**Mechanical**

Longitudinal change: 0 to - 10% maximum  
Tensile strength: 5000 psi minimum  
Tensile strength: 5000 psi minimum  
Tensile strength: 5000 psi minimum

**Shrink Ratio 2:1**

Recovered Inside Diameter (min. to max.)  
0.007" to 0.500" (0.178 to 12.7 mm)  
Recovered Wall Thickness(min.)  
0.0015" (0.04 mm)

**Shrink Ratio 4:1**

Recovered Inside Diameter (min. to max.)  
0.040" to 0.240" (1.02 to 6.10 mm)  
Recovered Wall Thickness (min.)  
0.003" (0.08 mm)

