



USP Class VI, ISO 10993-5

USP Class VI Compliant
ISO 10993-5 Certified
USFDA Compliant
RoHS Compliant

Medical –Grade USP Class VI heat shrink tubing that sets the standard for high-performance, safety and reliability, meeting the most stringent biocompatible criteria. Tubing is alcohol wiped, packaged in coils or on plastic spools, and double plastic bagged in a clean room environment. 100%

factory tested for superior insulation integrity, reliability and safety.

Radiation Cross-Linked Acrylated Polyolefin

For insulating electro-surgical instruments and for biocompatible jacketing for temporary implantation devices. Features high dielectric strength, superior cut-through, puncture and abrasion resistance, unique heat sealable and adhesion properties without adhesives, numerous sterilization options.

Radiation Cross-Linked Polyvinylidene Fluoride

High heat resistant, thin wall fluoropolymer best for electrical insulation, stiffening, strain relief, and as a manufacturing aid in demanding environments. Features exceptional mechanical strength, low cost substitute for PTFE in many applications, lower shrink temperature than PTFE.

High-Performance, Non-Phthalate Polyvinylchloride

Ultra-flexible, crystal clear, low shrink temperature, non-phthalate Polyvinylchloride is ideal for tube joining, transitioning and providing transparent protection. Features outstanding flexibility, exceptional clarity, low shrink temperature.

Specifications:
Acrylated Polyolefin
Shrink Ratio: 2:1
Operating Temperature: -55°C to 121°C (-67°F to 250°F)
Longitudinal Shrink: ±5%
Tensile Strength: 3200 / 3600 psi
Dielectric Strength: 1,800 / 2,000 vpm
Standard Colors: Black, White, Blue, Clear
Radiation Cross-Linked Polyvinylidene Fluoride
Shrink Ratio: 2:1
Operating Temperature: -55°C to 175°C (-67°F to 347°F)
Longitudinal Shrink: ±10%
Tensile Strength: 5740 psi
Dielectric Strength: 1,300 vpm
Standard Colors: Black, White
High-Performance, Non-Phthalate Polyvinylchloride
Shrink Ratio: 2:1
Operating Temperature: -20°C to 60°C (-4°F to 140°F)
Longitudinal Shrink: 20% at maximum full recovery
Tensile Strength: 2900 psi
Dielectric Strength: 650 vpm
Standard Color: Crystal Clear

Order Size	Expanded Diameter	Recovered	
		Diameter	Wall
Acrylated Polyolefin			
3/32"	.093"	.046"	.020"
1/8"	.125"	.063"	.020"
3/16"	.187"	.093"	.020"
1/4"	.250"	.125"	.025"
3/8"	.375"	.187"	.025"
1/2"	.500"	.250"	.025"
Polyvinylidene Fluoride			
3/32"	.093"	.046"	.010"
1/8"	.125"	.063"	.010"
3/16"	.187"	.093"	.010"
1/4"	.250"	.125"	.013"
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