



CUSTOM ELECTRICAL INSULATION

MYLAR TUBING

Technical data sheet - PET film insulation tubing and sleeves

SINCE 2017

ISO 9001

OEM / ODM

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Mylar TUBING/Polyester Tubes/Mylar Shrink Tubing/Spiral Wrap Tubing/Mylar Cable Sleaving Heat Shrinkable Mylar TUBING

General Description: A superior, high dielectric insulating tubing that is shrinkable as much as 50% in order to provide an immovable, tight fit. Temperature requirements are approximately 90° C. for shrinking purposes with a heat cycle as short as 1 second. May be shrunk by various methods such as heat guns, boiling water, electrical coil heaters or in ovens.

Advantages: Heat shrinkable Mylar? tubing has a dielectric strength far exceeding other shrinkable materials. It is extremely tough and forms an excellent mechanical barrier. It can be used at both low and high temperatures. It is moisture & vapor resistant and is unaffected by oils, greases and volatile aromatics.

Application

Mostly used welding point, contact, loop, transformer, motor, electrical wire, electric heating component, capacitance, telephony relay, high voltage transformer, temperature resistance and insulation, mechanism protection. Capacitor covers, RF & IF coil insulation, varnish masking, roller covers, lead binding & holding, battery covers, color coding, insulation between coils, sleeving insulation over wire leads, protective coverings.

Bushing specification

Inside diameter: 0.026 inch ~ 2 inch (0.66mm~50.8mm)

Length: 0.062 inch ~ 48 inch (1.57mm~1219mm)

Wall Thickness: 0.001 inch ~ 0.03 inch (0.0254mm~0.76mm)

Color: Transparent, color, stripe



variety	Polyester	Heat	Low	250℃-265℃
capability		Shrinkable Polyester	Shrinkable Polyester	
shrinkable rate (Radical)	<2%	32%	8-12%	
shrinkable rate (portrait)	<2%	35%	8-12%	
working temperature	-60℃～150℃			
melting temperature	250℃～265℃			
voltage to strike through	25℃（50cycle） 2650volt0.0254mm/min 125℃（50cycle） 2125volt0.0254mm/min			
flammability	spontaneous quench			
resistance	endurance, acid&alkali-resistance, water-resistance, electricity discharge, industry eroding endurance, abrasion endurance, oil&special solvent resistance			
sopping capacity	After 24hours of maceration, the maximum rate of sop is 75%.			
toluene extraction	<2%			
2、Point				
3、Working temperature				-60℃-150℃
4、Intensity of electrolyte				2500V/MH,25℃60CYCLE 2000V/MH,150℃60CYCLE
5、Hydroscopicity				1%MAX, 24Hr Immersion25℃
6、In rotten turbid result on being copper				Negligibic
7、Dissolving in the industrial solvent or the dissolved matters, such as acid thing, it that water,oil, painting, etc.				Undissolved
8、Antibiotic,resist and invade candles				Good
9、Toughness(rolled over , bes curved, tear etc.)				Good
10、Fire-retardant				Slow to

	self-extinguishing
11、Contracting of heat	Less than9%
12、Intensity of epidermis	400g/cm2 (MIN)
13、Color	Transparent
14、Insulating	50Hz 2500V/min Have not punctured
15、Other (appearance)	The surface is bright,there is no impurity inside and outside not drawsing the hair and a bit more roughly, in charge of

