

PET Heat Shrink Tubing



Model Number: SB-PET-HST

Operating temperature: -60°C ~ +150°C

Structure

PET heat shrink tubing is manufactured by twisted polyester film then adhesives by special glue. The glue possesses similar chemical characteristics with polyester film.

Usage

Main application range: insulation and mechanical protection for soldering, connection, wire harness, transformer, motor, cable, heating element, capacitor, telephone, electrical appliance etc.

Characteristics

Dimension	Inside diameter 2.0-65(mm), Thickness 0.05-1 (mm), Length 10-1000(mm)			
Color	Clarity, light yellow, haze, stripe			
Melting point	250°C -265°C			
Service temperature	-70°C ~ 150°C			
Dielectric strength	2650V/MIL 25°C 60CYCLE		2125V/MIL 150°C 60CYCLE	
Water absorption	75% max after 24 hr immersion			
Corrosive on Copper	Negligible			
Solubility in acid, oil, paint, industrial solvents etc.	Undissolved			
Antibacterial, anti corrosive	Excellent			
Tenacity	Excellent			
Cuticle intensity	400g/cm ² (MIN)			
Resistance pressure	50HZ 2500V/min Not perforative			
Visual	Smooth, No fleck & Eye winker			
Style	Polyester	Heat shrink polyester	Slow shrink polyester	Not flammable polyester
Shrinkage (Diameter)	≤2	32%	8-12%	≤2%
Shrinkage (Length)	≤2	35%	8-12%	≤2%
Flammability	Slow to self-extinguishing			Burning resistance
Resistance characteristics	Resistance to abrasion, acids, immersion, mildew, industrial solvent, mechanical destroy, Freon and special liquids			
Xylene extraction	<2%			
Environment protection	No hurtful to human and environment			

Note: Besides above dimension, can manufacture other dimension upon request.