

Kapton® Polyimide Tape Technical Specification

Product Features

- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 500°F
- · Removes cleanly without adhesive residue after exposure to heat
- High performance silicone adhesive
- High strength backing provides superior resistance to puncture and tear
- Resistance to chemical attack

Applications

- High Temperature Masking
- Protection of circuit board gold finger contacts during wave solder
- Insulation on Transformers, Motors and Coils
- Fiber Optics Cables
- Solar Panels

Specifications

Technical Data:

Backing :	Kapton® Polyimide Film	Color:	Amber
Backing Thickness: 1.0 mil (25 µ)		Adhesive:	Thermosetting Silicone
Total Thickness:	2.7 mil (0.069 mm)	Dielectric Strength:	7000 Volts
Temp. Class: 360 o C / H		Insulation Resistance: 106 megohms	
Tensile Strength:	30 lbs/in (110 N/25mm)	Adhesion to Steel:	25 oz/in (6.8 N/25mm)
Elongation:	35%	Storage Stability:	Excellent
Electrolytic	Direct 1.0/A, 1*		
Corrosion		Solvent Resistance:	Excellent
Flammability	BU 1*		
	Passed UL510	Moisture Resistance:	Excellent

UL File #	E20780	CSA File #	LR94980

Figures shown are averages and should not be used for writing specifications. Similar test conducted on any individual sample may vary in results. Tests are conducted in accordance with ASTM D1000 where applicable.

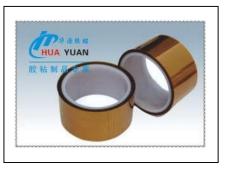
Polyimide Tape

Model No: HY200

Carrier: Polyimide film

Glue: Silicone

Features: Heat resistance, high voltage insulation, acid voltage electrolytic.



and alkali resistance, low

Specifications

Usage: Protect golden finger when PCB board in soldering tin furnace, insulation of coil, wave-soldering protection, electrical insulation, high temperature resistance, no residue leaving after peeling off.

Voltage Resistance (KV)		5.0
Tensile Strength(N/25mm)	≥115	
Test temperature(
Elongation at Break		
Adhesion to steel(N/25mm)	≥5	260-300
(%)		≥40
Film thickness(mm)		0.025/0.05/0.075/0.1/0. 125±0.005
Total thickness(mm)	0.045/0.05/0.06/0.065/0	
Inventory condition	23℃,65%RH	
Inventory available time(year)	1	
Dimension		

Length	33M	
Width(customized)	2-500mm(±0.2mm)	
Remark	SGS Test	

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