

Kapton Tape



DESCRIPTION

A high quality Kapton tape with excellent resistance to thermal radiation.

DISTINCTIVE FEATURES

- Polyimide film with silicone adhesive
- Available in 12, 19 and 25mm widths
- Supplied on 33m reels
- 25 μ m Backing thickness

APPLICATIONS

Applications include PCB assembly as a wave solder masking tape and applications where a thin, tough insulating material is required, for example wrapping wire & cable, capacitors, coils & transformers etc. Can also be used for masking in powder coating processes.

25 μ m

33m

12mm

19mm

25mm





ELECTRICAL SPECIFICATION

Dielectric strength	7500 KV @ 200°C
Insulation resistance	1x 10 ⁶ MΩ



GENERAL SPECIFICATION

Tape type	Kapton (polyimide)
Reel length	33 metres
Colour	Amber
Removability	No residue after removing
RoHS compliant	Yes



MATERIALS

Backing	Polyimide Film
Adhesive	Silicone



CERTIFICATION AND STANDARDS

UL approval	E113238
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ENVIRONMENTAL/OPERATING SPECIFICATION

Temperature range	-70 to 250°C
Breaking strength	5.4 (Kg per cm)
Elongation at break	55%
Thermal classification	H (180°C)
Adhesive shear strength	6.5N/25mm
Tensile strength	>80N/25mm
Storage conditions	Keep in dry and clean place, under normal temperature at 15°C~30°C, 65%RH
Shelf life	12 months from production date



DIMENSIONS/DRAWINGS

Units	mm - unless stated otherwise
Tape width	See Table
Weight	See Table
Backing thickness	25µm +/-0.005mm
Total thickness	63.5µm +/-0.005mm



PART NUMBER TABLE

Part Number	Tape Width (mm)	Weight (gm)	UNSPSC	EAN	Country of Origin
52-4567	12	41	31201503	5053556004348	China
52-4568	19	72	31201503	5053556004355	China
52-4569	25	93	31201503	5053556004362	China

R-TECH

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