

Polyimide Tape (also known as Kapton Tape)

SKU: G-TPT | Sizes: 2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 9mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 19mm, 20mm, 25mm, 30mm, 50mm



Features & Benefits

- ◆ Silicone adhesive for strong, reliable bonding
- ◆ High tensile strength (30 lbs/inch) and elongation >55%
- ◆ Dielectric strength of 6,500 volts
- ◆ Suitable for wave soldering and hot air levelling applications
- ◆ Ideal for masking uneven surfaces and delicate components

About the Polyimide Tape (also known as Kapton Tape)

This high-performance Polyimide tape, also known as Kapton Tape, is designed for demanding applications that require exceptional heat and chemical resistance. With a wide temperature range up to 500°F (260°C), it provides excellent protection for gold finger contacts during wave soldering and hot air levelling. The tape is thin, flexible, and adheres well to uneven surfaces, offering superior electrical insulation and resistance to acids, oils, and solvents. It also removes cleanly without leaving adhesive residue after exposure to heat or chemicals, making it ideal for precision tasks in electronics and manufacturing.

Specifications

Property	Detail
	Wide operating temperature range up to 500°F (260°C)
	Remains residue-free after heat or chemical exposure
	Excellent resistance to acids, oils, and solvents
	Superior electrical insulation properties
	Available in tape widths from 2mm to 50mm
	33-metre reel length
Application	ESD-protected areas, electronics mfg, cleanrooms