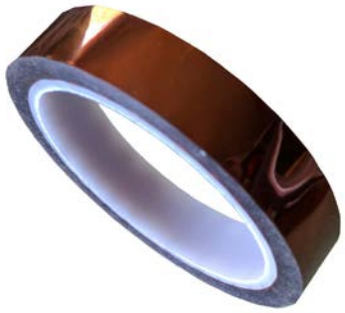
Adhesive Polyimide Tape is a high temperature resistant electrical insulation tape. It is manufactured from 0.025mm thick polyimide film coated on one side with a silicone based thermosetting pressure sensitive adhesive. When this adhesive is included; total tape thickness is 0.063mm.



Brown in colour, this tough, strong tape has excellent dielectric strength and is capable of withstanding temperatures up to 200°C. It bonds well to most surfaces and is highly conformable to allow for easy and accurate application.

Applications

- Insulation of coils in electric motors
- Fastening heating elements
- Insulation for capacitors
- Masking tape for high temperature painting (e.g. powder coating)
- Bed surface for 3D printing with ABS
- Slot liner insulation
- Insulating and fastening flexible PCBs
- Magnet wire and cabling
- Interlayer insulation in motors and transformers

Technical Details

Property	Value
Backing	Polyimide Film
Adhesive Type	Silicone Thermosetting Pressure Sensitive Adhesive
Colour	Brown
Backing Thickness	0.025mm
Total Thickness	0.063mm
Elongation	50% (minimum)
Adhesion to Steel	0.55 Kg / Inch
Unwind Force	700 grams / Inch
Dielectric Breakdown	6kV (minimum)
Insulation Resistance	1×10^{12} Ohm (minimum)
Electrolytic Corrosion Factor	1.0
Temperature Resistance	200°C

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Available Sizes

Standard Roll Widths and Length

- 6mm
- 9mm
- 12mm
- 18mm
- 21mm
- 24mm
- 150mm
- 200mm
- 300mm

All rolls are 33 Mtrs long and supplied on 3” ID cores.

Custom sizes, lengths and request
We’re always happy to help with special requirements. If you require a special size of Adhesive Polyimide Tape please do let us know. We’ll do our very best to help in any way we can.

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