

TECHNICAL DATA

POLYIMIDE FILM TAPE

Product Code: 1K220



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UL File No. E126174

Description : 1K220 Products use our proprietary Halogen-free is a 0.025mm thick Polyimide film coated with Silicone based thermosetting pressure sensitive adhesive with UL temperature rated 220C approval. The polyimide film provides excellent electrical insulation, abrasion resistance and high dielectric strength, high temperature retention of physical and electrical properties. This product complies with the flame Retardant requirements of UL 510.

Application : For use in high performance electrical applications, used on high-temperature insulation in transformers, coils, flat cables, connectors, harness wrapping and in the production of generators, capacitors etc. It is used as insulation material of class R

Technical Details :	<u>PROPERTIES</u>	<u>UNITS</u>	<u>SPECIFICATION</u>
	COLOR	-	amber
	TOTAL THICKNESS	mm	0.063 ± 0.007
	TENSILE STRENGTH	kg/25mm(N/10mm)	11 (43)
	ELONGATION	%	50
	ADHESION TO STEEL	kg/25mm(N/10mm)	0.70 (2.75)
	DIELECTRIC BREAKDOWN	kV	5
	TEMPERATURE RATING	°C	220

Test Method : In accordance with ASTM method

Shelf Life : 6 months when storage at 23°C and 65% relative humidity

Availability : Standard 33M roll 3" core, width 500mm

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