

TECHNICAL DATA

POLYIMIDE FILM TAPE

Product Code: 1K220

P. LEO & CO LTD

P.O. Box 175 Fo Tan, Shatin, Hong Kong.
Telephone : (852) 2604-8222 * Facsimile : (852) 2693-2093
E-mail : sales@pleo.com * Web Site : http://www.pleo.com



UL FILE #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

Important Notice to Purchase

All Statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and the following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury loss or damage direct or consequential arising out of the use of or *he inability to use the product. Before using users shall determine the suitability of the product for their intended uses and users assume all risk and liability whatsoever in connection there with.

No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of Seller and manufacturer.

