

TECHNICAL DATA

DOPONT® POLYIMIDE FILM TAPE

**Product Code: 1KPIS
(Flame Retardant)**

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 : 1KPIS is a 0.025mm thick Dupont® polyimide film coated with Silicone based thermosetting pressure sensitive adhesive. Products use our proprietary Halogen-free Outstanding, 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 coils, such as in traction machine manufacturing, in the production of generators, capacitors transformers 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 ± 0.006
	BACKING THICKNESS	mm	0.025
	TENSILE STRENGTH	kg/25mm	11
	ELONGATION	%	5
	ADHESION TO STEEL	kg/25mm	0.6
	DIELECTRIC BREAKDOWN	kV	6.0
	UNWIND FORCE	kg/25mm	1.0
	INSULATION RESISTANCE	ohm	1x10 ¹²
	TEMPERATURE RATED	°C	220
	CORROSION FACTOR	-	1.0

*KAPTON is a registered trademark of DuPont

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 620mm

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.

