

TECHNICAL DATA



KAPTON® POLYIMIDE FILM TAPE

Product Code: 1K063
(Flame Retardant)

P. LEO & CO LTD

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UL FILE #E126174

Description : 1K063 is a 0.025mm thick Kapton® 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. May also be used for masking off gold contacts on PC boards during wave soldering process and during hot air level. It is used as insulation material of class R

Technical Details :	<u>PROPERTIES</u>	<u>UNITS</u>	<u>SPECIFICATION</u>
	COLOR	-	amber
	FILM THICKNESS	mm	0.025mm
	TOTAL THICKNESS	mm	0.063 ± 0.006
	TENSILE STRENGTH	kg/25mm	11
	ELONGATION	%	55
	ADHESION TO STEEL	kg/25mm	0.6
	UNWIND FORCE	kg/25mm	1.0
	DIELECTRIC BREAKDOWN	kV	6
	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

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