

TECHNICAL DATA

KAPTON® POLYIMIDE FILM TAPE

Product Code: 1K063

P. Leo & Co (B. C.) Ltd.

150-12820 Clarke Place, Richmond, B.C. V6V 2H1, Canada

Telephone : (604)270-6115 * Facsimile : (604)538-2909 * E-mail : sales@pleo.com

Web Site : <http://www.pleo.com>



UL FILE #E126174

Description: 1K063 is a 0.025mm thick Kapton® film coated with Silicon based thermosetting pressure sensitive adhesive. Outstanding, high temperature retention of physical and electrical properties.

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 H.

Technical Details:

<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
COLOR	-	amber
TOTAL THICKNESS	mm	0.063 ± 0.006
TENSILE STRENGTH	kg/25mm	14
ELONGATION	%	50
ADHESION TO STEEL	kg/25mm	0.5
UNWIND FORCE	kg/25mm	0.7
DIELECTRIC BREAKDOWN	kV	6
INSULATION RESISTANCE	ohm	1x10 ¹²
TEMPERATURE CLASS	°C	180
CORROSION FACTOR	-	1.0

*KAPTON is a registered trademark of DUPONT

Test Method: In accordance with ASTM D-1000 method

Shelf Life: 6 months when storage at 73F and 65% relative humidity

Availability: Standard 30M roll, 3" core, width 620mm

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