

TECHNICAL DATA

POLYIMIDE FILM TAPE

Product Code: 1K12A
(Flame Retardant)

P. LEO & CO LTD

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UL FILE #E126174

Description : 1K12A is a 0.0125mm thick Polyimide film coated with Acrylic based thermosetting pressure sensitive adhesive. 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

<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
COLOR	-	amber
TOTAL THICKNESS	mm	0.03 ± 0.003
BACKING THICKNESS	mm	0.0125
TENSILE STRENGTH	kg/25mm	5
ELONGATION	%	60
ADHESIVE TO STEEL	kg/25mm	0.3
DIELECTRIC BREAKDOWN	kV	3.5
UNWIND FORCE	kg/25mm	0.8
INSULATION RESISTANCE	ohm	1x10 ¹²
TEMPERATURE CLASS	°C	180
CORROSION FACTOR	-	1.0

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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