

# TECHNICAL DATA

## POLYIMIDE FILM TAPE

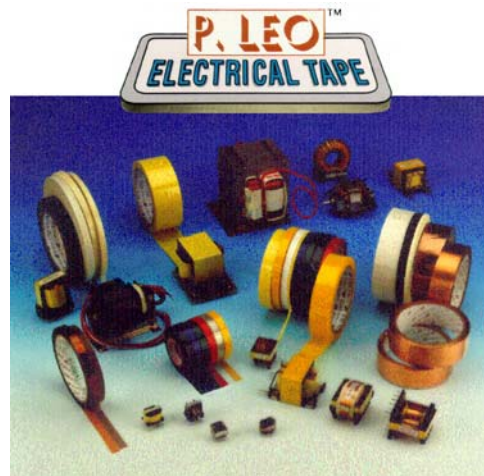
**Product Code: 1K7178**

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**UL** UL FILE #E126174

Description: 1 mil polyimide backing (Kapton®) with acrylic adhesive.

Features/Benefits: This product is designed for high temperature electrical applications, in which a tough thin insulating material that solvent resistant is required for wrapping coils, transformers, capacitors and wire harnesses. It is also used as a cover layer material for many types of flexible printed circuits.

### Technical Details:

<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
TOTAL THICKNESS	mm	0.075
BACKING THICKNESS	mm	0.025
TENSILE STRENGTH	kg/25mm	13.636
ELONGATION AT BREAK	%	55
ADHESIVE TO STEEL	kg/25mm	1.136
BREAKDOWN VOLTAGE	kV	7.5
TEMPERATURE CLASS	°C	155
INSULATION RESISTANCE	mega ohm	> 1 x 10 <sup>6</sup>
CORROSION FACTOR		1.0
FLAME RETARDANT		YES

Availability: Standard 33M roll, 3" core, width 600mm

### 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.

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