

# TECHNICAL DATA



## POLYIMIDE FILM TAPE

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

### **P. LEO & CO LTD**

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**UL FILE #E126174**

**Description :** 1KPST is a 0.025mm thick Polyimide film coated with Silicone 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 H

Technical Details :	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
	COLOR	-	amber
	TOTAL THICKNESS	mm	0.060 ± 0.003
	TENSILE STRENGTH	kg/25mm	11
	ELONGATION	%	50
	ADHESION TO STEEL	kg/25mm	0.5
	UNWIND FORCE	kg/25mm	0.8
	DIELECTRIC BREAKDOWN	kV	5
	INSULATION RESISTANCE	ohm	1x10 <sup>12</sup>
	TEMPERATURE RATED	°C	180
	CORROSION FACTOR	-	1.0

**Test Method :** In accordance with ASTM D-1000 method

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

**Availability :** Standard 33M roll, 3" core, width 500 mm

### **Important Notice to Purchase**

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