

# TECHNICAL DATA



## POLYIMIDE FILM TAPE

**Product Code: 1K06A**  
**(Flame Retardant)**

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

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**UL FILE #E126174**

**Description :** 1K06A products use our proprietary halogen-free, high temperature, modified acrylic adhesive and 1 mil polyimide film pressure sensitive adhesive. 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 and transformers etc. This product features toughness, puncture resistance, conformability and performance for Class F to Class N electrical insulation application.

Technical Details :	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
	COLOR	-	amber
	TOTAL THICKNESS	mm	0.06 ± 0.003
	BACKING THICKNESS	mm	0.025
	TENSILE STRENGTH	kg/25mm	11
	ELONGATION AT BREAK	%	50
	ADHESIVE TO STEEL	kg/25mm	0.7
	BREAKDOWN VOLTAGE	kV	5.0
	TEMPERATURE RATING	°C	180

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

**Shelf Life :** 6 months when storage at 23°C and 65% relative humidity

### **Important Notice to Purchase**

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