

# TECHNICAL DATA

## KAPTON® POLYIMIDE FILM TAPE

**Product Code: 1K7177**  
**(Flame Retardant)**

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

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**UL FILE #E126174**

Description : #1K7177 made by 1 mil Kapton® polyimide film tape with acrylic based thermosetting pressure sensitive adhesive complies with UL510 flame retardant requirements.

Features/Benefits : This product features toughness, puncture resistance, conformability and Class 155°C performance for electrical application.

Technical Details :	<u>PROPERTIES</u>	<u>UNIT</u>	<u>SPECIFICATION</u>
	COLOR	-	amber
	TOTAL THICKNESS	mm (mil)	0.063 ± 0.006 (2.5)
	BACKING THICKNESS	mm (mil)	0.025 (1)
	TENSILE STRENGTH	kg/25mm (lb/in)	13.6 (29)
	ELONGATION AT BREAK	%	50
	ADHESIVE TO STEEL	kg/25mm (oz/in)	0.7 (24)
	BREAKDOWN VOLTAGE	kV	6.0
	TEMPERATURE CLASS	°C	155

Availability : Standard 33M roll, 3" core, width 630mm

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

### **Important Notice to Purchase**

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