

# TECHNICAL DATA

## KAPTON® POLYIMIDE FILM TAPE Product Code: 1K7270

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**UL FILE #E126174**

Description : 1K7270 is a 2 mil polyimide film tape with a silicone thermosetting pressure sensitive adhesive system.

Application : Designed for use as a high performance insulation layer on coils and fractional horsepower motors. Excellent for bundling and protective outer wrap applications.

Features/Benefits : Polyimide film backing offers high conformability.  
Delivers abrasion protection and puncture resistance at high temperatures.  
Performance silicone adhesive system is engineered for high temperature performance and resists solvent contamination.

Technical Details :	<u>PROPERTIES</u>	<u>UNITS</u>	<u>SPECIFICATION</u>
	TOTAL THICKNESS	mm(mil)	0.09 ± 0.005 (3.5)
	TENSILE STRENGTH	kg/25mm(lb/in)	30 (65)
	ELONGATION	%	60
	ADHESION TO STEEL	kg/25mm(oz/in)	0.55 (20)
	DIELECTRIC BREAKDOWN	kV	8.5
	TEMPERATURE RATING	°C	180

Color : Amber

Availability : Standard 33 Meter roll, 3" core, width 406mm

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

### **Important Notice to Purchase**

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