

TECHNICAL DATA



Kapton® Polyimide Tape **Product Code: 1K7220** **(Flame Retardant)**

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UL FILE #E126174

Description : 1K7220 is a 1 mil thick Kapton® polyimide film coated with Silicon based thermosetting pressure sensitive adhesive with temperature rating 200°C and Flame retardant. Outstanding, high temperature retention of physical and electrical properties.

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. It can used as insulation material of class N.

Technical Details :	<u>PROPERTIES</u>	<u>UNITS</u>	<u>SPECIFICATION</u>
	COLOR	-	amber
	TOTAL THICKNESS	mm	0.063 ±0.006
	BACKING THICKNESS	mm	0.025
	TENSILE STRENGTH	kg/in	10
	ELONGATION	%	55
	ADHESION TO STEEL	kg/in	0.8
	DIELECTRIC BREAKDOWN	kV	6
	INSULATION RESISTANCE	ohm	1 x 10 ⁶
	ELECTROLYTIC CORROSION FACTOR	-	1.0
	TEMPERATURE CLASS	°C	200

Kapton® is Du Pont registered trade mark

Availability : Standard 33Meter per roll, 3” core, width 470mm.

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

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