

Polyimide Tape



Properties

Made from a polyimide film with a silicone based adhesive.

Polyimide exceeds the performance of polyester at electrical and thermal insulation

In a vacuum, polyimide produces lower levels of outgassing compared to polyester

Resistant to most chemicals, oils and common solvents

Used for high temperature applications, such as powder coating, masking and electrical use

Mechanical Properties	Nominal Value
Total Thickness (µm / micron)	65
Backing Thickness (µm / micron)	25%
Elongation	> 50%
Dielectric Strength (Volts)	7,000
Peel Strength (N/25mm)	>6
Tensile Strength (N/25mm)	>115
Flame Retardancy	UL V-0
Temperature Range	Continuous Use 180°C
	Short Term Use Up to 260°C

Storage and Care

Optimal Storage Conditions	Around 20°C
	Between 20 and 70% relative humidity

To obtain best possible performance from tapes, we recommend using within 12 months as well as storage in a dry environment free of temperature fluctuation.

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