



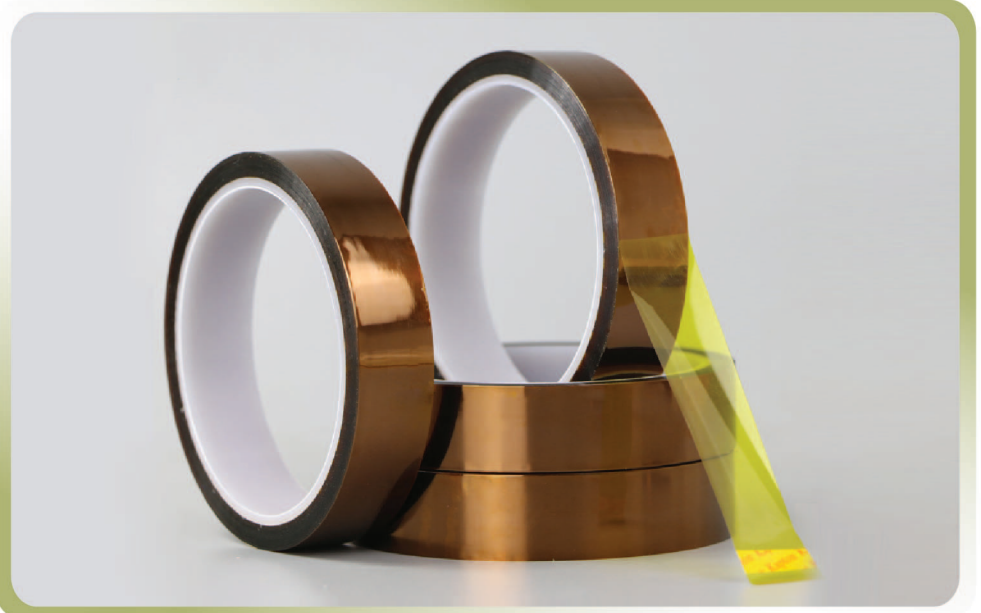
KAPTON TAPE

Product Features

Polyimide Film Coated with Pressure Sensitive Silicone Adhesive

Application

Widely used for soldering masking protection under high temperature, high-class electricals, engine sealing, circuit board insulation, motor insulation, Li batteries fixation & etc. Usually applied on automotive, industrial and aerospace.



Product Sizes

Log Roll Size :500mm x 33m
Cut Size :As per customer requirements

Shelf Life

12 Months Storage at 23°C and 65% Relative Humidity

Technical Data

Product	Base Film Thickness	Total Thickness	Peel Strength	Elongation at break	Tensile Strength	Temperature Resistance
	(μm) ASTM D 3652	(μm) ASTM D 3652	(gf/in) ASTM D 3330	% ASTM D 3759	(kgf/in) ASTM D 3759	
KP50	25	50	650	60	12	240°C x 10min (removes cleanly)

*The above data comes with min tolerance of $\pm 5-10\%$

Product Characteristics

- High insulation, high temperature resistance, acid and alkali-resistance, low electrolysis, mechanically sound, crocking resistance, tear-resistance
- High viscosity due to superior bonding strength of silicone adhesive
- Great durability for multiple print cycles without needing to change the tape
- Good golden glossy surface finish and possess characteristics of greatly smooth
- Elastomeric technology of silicone adhesive offer exceptional strength and good flexibility
- Low electrostatic, excellent removal properties without leaving gunky residue and damages
- Good adhesion
- Thin and conformable enabling masking of uneven surfaces
- Ideal for protecting sensitive printed circuit board (PCB) components

Amber

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