



SK2AT399-3

High-temperature polyimide adhesive tape

SK2AT399-3 is polyimide tape coated with a high temperature silicone adhesive for using in high temperature curing processes up to 399°C. The tape is dimensionally stable at high temperatures, flame retardant and chemical resistant. It features excellent electrical insulation properties, low electrolysis and solvent resistance. It is widely used in high temperature masking and electrical insulation meeting class H requirements.



PROPERTIES

- Excellent electrical insulation properties
- Wide range of temperature up to 399°C
- Good adhesion, easily peeling off and leaving no residue
- Solvent and corrosion resistance

APPLICATION

- Mask for protection gold fingers or edge connectors of PCB during the process of wave solder, solder reflow or solder dip
- Fixing of electrical coils in motors, transformers, capacitors and other electrical components
- Other high temperature shielding protection, such as 3D printing bed mask, high temperature powder spray coating, etc
- Other class H electrical insulation application on various electronic or electrical components assembly

TECHNICAL DATA	VALUE
Carrier type	Polyimide
Adhesive type	Silicone
Color	Amber
Total thickness	65 µm
Carrier thickness	25 µm
Adhesive thickness	40 µm
Elongation on break	45-50%
Corrosion resistance coefficient:	1
Dielectric strength(Volt):	≥ 5000
Insulation class:	H
Maximum use temperature	399 °C

STORAGE

Shelf life: minimum 18 months in original packaging
 Storage: store in a cool, dry place in the original packaging, protected from direct sunlight and other heat sources

NOTES

*Maximum use temperature depends on specific process conditions. Verification testing is recommended prior to serial production.
 Custom sizes available upon request