



TECHNICAL DATA SHEET

SK2AT399-3

High-temperature polyimide adhesive tape

► DESCRIPTION

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.

This product is used in various manufacturing processes of parts made of composite materials.

► 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

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



TECHNICAL DATA SHEET

SK2AT399-3

High-temperature polyimide adhesive tape

► SIZE

Width	Length	Packaging
13mm	33m	80 rolls/cs
25mm	33m	40 rolls/cs
50mm	33m	20 rolls/cs

Shelf life: 18 months minimum in original packing.

Storage conditions: It is recommended to store at temperature from +10°C until +30°C in the original packing.

► NOTE

Other sizes are available on special order.