



B031

Silicon Polyimide Tape

Tape Structure

Backing POLYIMIDE

Adhesive SILICON

B031

Characteristics

Silicone Polyimide Tape is a high performance polyimide tape designed for **high temperature insulation** and **masking applications**. It has excellent impact **abrasion**, **high temperature bubble** and **stain resistance**.

This product is used primary in in **electrical applications** such as **coil insulation**, **magnetic wire insulation**, **gold leaf protection** during **wave solder application** and **masking** during **powder coating** application. Polyimide tape is also used in **auto industry** for **wrapping switches**, **diaphragms**, **sensors** and **coils in seat heaters**. The **aerospace** industry uses Polyimide tape primarily for **insulation** of **aircraft** and **spacecraft wings**.

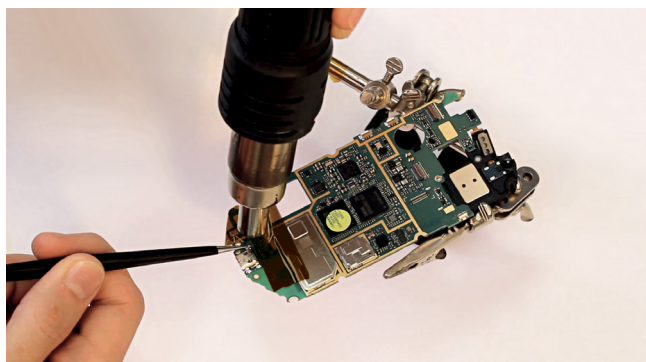
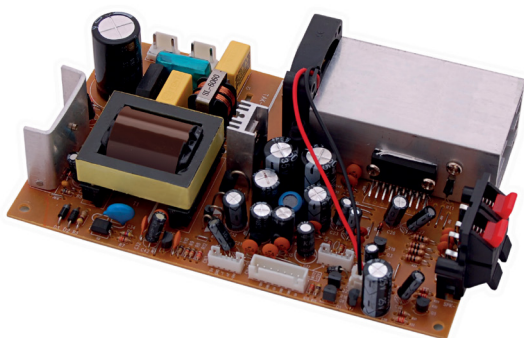
CHARACTERISTICS	UNITS	STD. VALUES
Total Thickness	mic	72
Backing Thickness	mic	25
MD tensile strength	N/cm	55
MD elongation at break	%	80
Peel Adhesion	N/cm	3.2
Service Temperature	°C	up to 155
Dielectric Strenght	kV	6.5
CLASS		F

Available colours: TRANSLUCENT BROWN

Figures shown refer to average values only, based on tests carried out in conditioned laboratory and are not valid for specification. The company reserves the right to modify or change the products at any time without notice. All information has to be intended as generic advise for the use of products. Users have to verify the suitability of each tape in actual application under specific conditions.

DATE OF ISSUE:

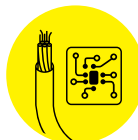
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Application fields



Technical features



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Terms & Conditions of liability

tape must be stored in a dry location, protected from direct sunlight exposure and from freezing. Storage temperatures should be as close as possible to room temperature; suggested storage temperature should range from 15 to 25°C with max. relative humidity of 60%.

Make sure the surface you wish to place the tape on is cleaned, dried and free from oil and dust.

It is suggested not to apply the tape with temperatures lower than 10°C.

With a storage temperature lower than 10°C, it is always suggested temperature reconditioning of the tape at room temperature (15°C - 25 °C) before its use.

Shelf life from date of manufacture:

(no yellowing and < 10% loss in performance at 23 °C, 50 % humidity) is considered 12 months for Slit rolls and 6 for Jumbo rolls.

The company does not take responsibility for the defective material is not stored and used in accordance with the conditions listed above.