

W05B031

Silicon Polyimide Tape

Product Description

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 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.

Features

- High Temperature Performance
- Excellent Ageing Properties
- Excellent Impact Resistance

Main Applications

- High Temperature Insulation
- Masking during Powder Coating

Technical Data

	Units	Std. Values
Total Thickness	µm	55
Backing Thickness	µm	25
MD tensile strength	N/cm	47
MD elongation at break	%	80
Peel Adhesion	N/cm	2.4
Service Temperature (up to)	°C	200
Dielectric Strength	kV	6.5
Class		H

Backing material

Polyimide

Type of adhesive

Silicon

Available colour



Technical Information and Product Use
All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. 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. The accuracy or completeness of such information is not guaranteed. The technical information, suggestions and other statements contained in this document have been compiled for your guidance and usage. The company reminds the user of the products to make sure that the product is used as per the instructions and suggestions provided. It is the user's sole responsibility to determine the suitability of the product in actual application under specific conditions.

Storage and Shelf Life
Suggested storage in dry area away from direct sunlight temperature should range from 59°F / 15°C to 77°F / 25°C with max relative humidity of 50%. Tape and jumbo roll should be used respectively within 12 months and 6 months from date of manufacture. The company does not take responsibility for the defective material if it is not stored and used in accordance with the conditions listed above.