

06200 POLYIMIDE TAPE

Tape structure:

Backing: Polyimide film

Adhesive: Silicone based

Product Description:

Folsen polyimide tape is a 0.025 mm thick polyimide film coated with silicon based thermo-setting pressure sensitive adhesive. Outstanding, high temperature retention of physical and electrical properties. Flame retardant, UL recognized.

Features:

- Chemical resistance
- Dimensional stability
- Low outgassing
- Adhesion strength
- High temperature resistance
- Electrical insulation

Main Application:

For use in high performance electrical applications on high-temperature coil, such as in traction machine manufacturing, in the production of generators, capacitors, transformers etc. May also be used for masking off gold contacts on PC board during wave soldering process and during hot air leveling or for splicing other high temperature insulation materials. It is used as insulation material of class 200/class C.

Technical information:

Properties	Units	Specification	Test method
Total thickness	mm	0.06	ASTM D-1000
Peel adhesion to steel	N/cm	1.8	ASTM D-1000
Tensile strenght	N/cm	44	ASTM D-1000
Elongation	%	30	
Breakdown voltage	KV	4.5	ASTM D-1000
Temperature resistance 260 °C	min	30	ASTM D-1000

Color:



SHELF LIFE AND STORAGE

Tapes should be used within 12 months when stored in original carton at 23 °C and max. 50 % relative humidity. We recommend a storage temperature between 15 and 25 °C. The product should not be directly exposed to heat or humidity. The product should be conditioned to room temperature before use

IMPORTANT NOTICE TO PURCHASER

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