



Technical Data Sheet

Product name: **3DJAKE Polyimide Tape**

Version: 1.0

Date: 24.05.2024

Product description

3DJAKE Polyimide Tape is a polyimide film substrate, one sided coated with a high-performance silicone pressure sensitive adhesive.

Main Application

It's widely used as a high temperature insulation winding for transformers, motors, coils, capacitors and variable frequency power supplies in the electronics industry, suitable for shielding and protecting gold contacts in printed circuit boards (PCB), SMT tin furnace, wave soldering processes.

Features

high adhesive strength, high temperature resistance, solvent resistance, no adhesive residue

Physical properties

Description	Typical value	Unit	Test method
Total thickness	0,060 ± 0,005	mm	GB7125-1999
PI film thickness	0,025 ± 0,005	mm	GB7125-1999
Width	15, 25, 50, 100, 200	mm	-
Length	33	m	-
Adhesion to steel	5,0 ± 0,5	N / 25 mm	GB/T72792-1998
Tensile strength	10 – 13	kg / 25 mm	GB7753-1987
Elongation at break	45	%	GB7753-1987
Temperature res.	260	°C	-
Voltage res.	5	kV	GB/T72792-1998

Storage

Store the product in a clean and dry place. Storage temperature 4-26°C, humidity 40%-50%.