

## ESD Polyimide Silicon Adhesive

### Tape

**Dexlu Item No.:** D020401



#### Properties

This kind of tape is made of ESD treated polyimide material with heat-resistant silicone adhesive, which shows excellent electro-static discharge(ESD) properties, dielectric insulation properties, high heat resistant, excellent solvent resistant, mask-off gold finger contacts during wave soldering, and is widely used for electrical insulation on motor, transformer, coils, PCB making and so on.

#### Data Form

Properties	Value
Tape Color	Dark Amber
Overall Thickness	0.085mm
Backing Thickness	0.05mm (2mil)
Standard Length	33m (36yds)
Insulation Class	C (> 180°C), 260°C for 5min
Peel Strength	≥5.0 N/25mm
Tensile Strength	≥115 N/25mm
Elongation	≥55 %
Breakdown Voltage	≥8KV
Surface Static Voltage	≤100V
Static Voltage durring peeling	≤100V
Surface Resistance on Polyimide Film*	10 <sup>6</sup> ~ 10 <sup>9</sup> ohm
Surface Resistance on Silicon Resin	≥10 <sup>9</sup> ohm

\*ESD property will keep at least 1.5 year after producing.

#### Specification

Standard width: 5~500mm, or slit into the width required

Packing: In Carton

Min Qty: 1000 m2 each size in a lot.

Shelf life: one year from the data of delivery. It can still be used if it is qualified by testing after one year according to above Technical Requirement.

**Note:** The values noted in above technical specification are given only for our customers' reference and should not be used in writing specifications.