

Polyimide Silicone Pressure-sensitive Adhesive Tape

Property

Polyimide Silicone Pressure-sensitive Adhesive Tape is made of polyimide film coated with silicone adhesive. It is features high temperature resistance, corrosion resistance, excellent insulation performance, excellent mechanical property, high adhesion, softness and good compatibility. It also leaves no residue when peeled away.

Application

- * PCB making, Masking, The gold finger protection during wave soldering through the solder oven**
- * Surface Mounting Technology (SMT)**
- * Transformer Manufacturing Industry**
- * Lithium Battery Manufacturing Industry**
- * Electrical insulation for motor and coil**

Specification

Products Name	Polyimide Silicone Tape	Polyimide Silicone Tape	Polyimide Silicone Tape	Polyimide Silicone Tape	Polyimide Silicone Tape	Polyimide Silicone Tape
Type No.	CON-201ST	CON-202ST	CON-203ST	CON-205ST	CON-205ST	CON-207ST
Backing	Polyimide Film	Polyimide Film	Polyimide Film	Polyimide Film	Polyimide Film	Polyimide Film
Adhesive	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone
Color	Amber	Amber	Amber	Amber	Amber	Amber
Backing Thickness	0.025mm (1mil)	0.05mm (2mil)	0.075mm (3mil)	0.1mm (4mil)	0.125mm (5mil)	0.175mm (7mil)
Total Thickness	0.06mm (2.4mil)	0.085mm (3.4mil)	0.11mm (4.4mil)	0.135mm (5.4mil)	0.16mm (6.4mil)	0.21mm (8.4mil)
Width	2-500mm	2-500mm	2-500mm	2-500mm	2-500mm	2-500mm
Length	33m (36yds)	33m (36yds)	33m (36yds)	33m (36yds)	33m (36yds)	33m (36yds)
Tensile Strength (g/25mm)	14000	27500	39000	52000	65000	92000
Elongation (%)	55	60	60	65	65	70
Adhesion to Steel (g/25mm)	600	600	600	600	600	600
Dielectric Breakdown (Volts)	6000	9000	11000	12500	13000	18000
Heat-Resistance (°C)	260	260	260	260	260	260
Insulation Class	H	H	H	H	H	H
Electrolytic Corrosion Factor	1	1	1	1	1	1

Note: Above values are the average values obtained after our testing method, but, we suggest that please refer to above specification and test the samples based on your using purpose in order to ensure you to select our products properly.

