

VieTape PI7102

KAPTON TAPE

DESCRIPTION

VieTape PI7102 is a single-side tape made from polyimide film coated with silicone adhesive on one side. This tape provides superior physical and electrical properties at a wide range of temperatures. PI7102 retains its properties even at high temperatures.

APPLICATION

- PCB solder masking
- Insulation for motor, capacitor, and transformer wrapping and magnetic wire insulation.
- Other high-temperature applications.

STRUCTURE



PERFORMANCE

Properties	Value
Color	Amber
Backing thickness	0.025mm
Total thickness	0.04mm
Thickness Tolerance	10%
Tensile strength	115N/25mm
Adhesion to steel (180°)	5.0N/25mm
Elongation	>50%
Heat resistance	280°C
Breakdown volatge	>4.5KV



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DIRECTION OF USE

Temperatures between 21 and 38°C are ideal for application.

For greater substrate contact, pressure-sensitive adhesives use viscous flow. Better adhesive contact is created by applying firm application pressure, which also strengthens the bond. For operation at low temperatures, this is particularly crucial.

The bonding surfaces must be thoroughly united, clean, and dry in order to achieve the best adhesion. Typical surface cleaning solvents are isopropyl alcohol/water mixture (rubbing alcohol) or heptane. Please take the appropriate precautions to handle solvents safely.

SHELF LIFE

Store in original package at room temperature (27-35°C) and 60% relative humidity, avoid direct sunlight.

Shelf life is 12 months from date of manufacture when store at recommended storage condition.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

