

## VieTape PI1901

### POLYIMIDE TAPE

#### DESCRIPTION

Vietape PI1901 is a polyimide tape with silicone adhesive used for PCB solder masking and other high temperature applications. This product is amber colored with high - performance silicone adhesive resists and provides a no - residue removal.

#### APPLICATIONS

- o Protection of gold fingers of printed circuit boards during soldering process
- o Release surface in fabrication of parts cured at elevated temperatures.
- o General electrical purpose and manual wiring harness

#### STRUCTURE



#### PERFORMANCE

Item	Parameter
Adhesive	Silicone
Backing	Polyimide Film
Color	Amber
Standard Roll Length	33 m (custom size are available upon request)
Tensile Strength at Break	115N/25mm
Adhesion to steel	6.5N/25mm
Elongation at Break	50%
Backing Thickness	0.025 mm
Total Tape Thickness	0.06 mm
Temperature Use Range	-70° to 260°C
Anti-static level	10 <sup>6</sup> - 10 <sup>9</sup> Ohms
Dielectric Strength	4500 volts
Flame Retardant	Meet UL510

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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

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