

VieTape SI3604

POLYIMIDE TAPE

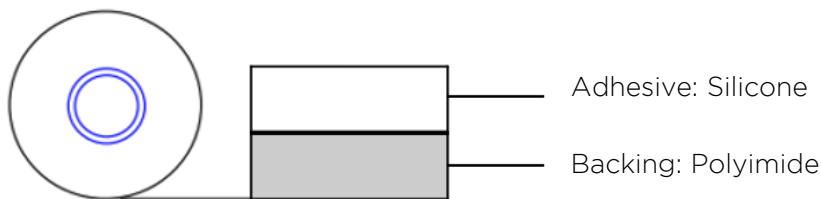
DESCRIPTION

Vietape SI3604 is a polyimide tape with silicone adhesive used for PCB solder masking and other high temperature applications. This product is amber colored with 0.06mm thickness.

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

| Properties | Value |
|-----------------------------------|----------------|
| Adhesive | Silicone |
| Backing | Polyimide Film |
| Color | Amber |
| Adhesion strength (peel off 90 °) | 6N/25mm |
| Tensile Strength at Break | 115N/25mm |
| Elongation at Break | 50% |
| Backing Thickness | 0.025 mm |
| Total Tape Thickness | 0.06 mm |
| Temperature Use Range | -70° to 260°C |
| Dielectric Strength | 4500 volts |
| Flame Retardant | Meet UL510 |

Standard conditions of test location at 23°C, 50%



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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

12 months from date of manufacture when stored at 10 - 35°C and 0 - 95% relative humidity.

The optimal storage conditions are 22 °C and 50% relative humidity.

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

