

VieTape SI7100

SILICONE POLYMER TAPE

DESCRIPTION

VieTape SI71000 is Silicone with high flexibility; elastic properties and laminated with double sided tissue tape. This product provides high temperature resistance, good weather resistance, chemical resistance, waterproof and insulation.

APPLICATIONS

- High temperature application: chips in electronic devices
- Used as a gasket, to seal gaps in machinery
- High temperature home – appliances devices: ovens, microwaves, and rice wine cookers.
- Medical industry because it is not toxic to human health..
-

DIMENSION

Customize upon request.

TYPICAL PERFORMANCE PROPERTIES

Properties	Value
Chemical base	Silicone
Adhesive	Acrylic - PSA
Color	White
Density	1.35kg/m ³
Thickness	1; 2; 3; 4... mm
Tolerance	10%
Hardness	40 - 80shore A
Elongation	>300%
Adhesion to steel (Peel off 90°)	18N/25mm
Working temperature	-40 to 120°C



VieTape SI7100

SILICONE POLYMER TAPE

DIRECTION OF USE

Temperatures between 21 and 30°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 - 30°C and 0 - 75% 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

