VIETAPE
Tape the world

Technical Data Sheet

VieTape FR7101

FLUORINATED FILM TAPE

DESCRIPTION

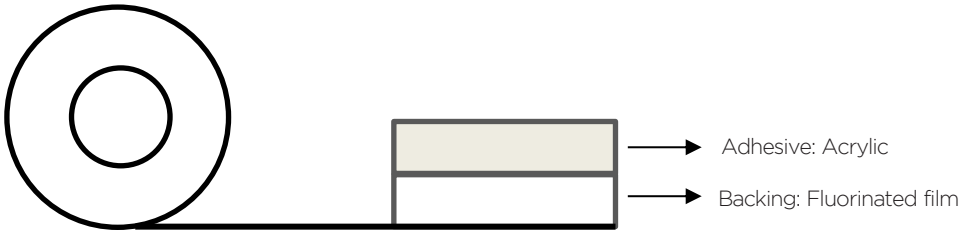
VieTape FR7101 is a Fluorinated film tape manufactured from Fluorinated Ethylene Propylene (FEP) film combined with high-performance double-sided tissue tape. This product offers strong adhesion to a variety of surfaces while providing high-level protection. VieTape FR7101 excels in high-temperature resistance, environmental stability, and effective flame-retardant properties

APPLICATION

General applications:

- Securing electronic components on printed circuit boards (PCBs), protecting components from vibration and impact
- Masking sensitive components during manufacturing, painting, plating, etc.
- Holding components in home appliance and electronic devices

STRUCTURE



PROPERTIES

Properties	Value
Fluorinated Ethylene Propylene	
Color	Transparent
Thickness	0.05mm
Thickness Tolerance	10%
Basic Weight	80 ± 15kg/m^2
Elongation	150%
Tensile strength	25MPa
Working temperature	-40-200°C

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FLUORINATED FILM TAPE

Properties (cont)	Value
DOUBLE SIDED TAPE	
Color	White
Thickness	0.09± 0.01mm
Adhesion strength	>13N/25mm
Adhesive based	Acrylic
Working temperature	-40-90°C

DIRECTION OF USE

Temperatures between 21-38°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.

SHELF LIFE

Store at room temperature, 15-35 °C and 40-70%RH, avoid direct sunlight and high temperature.

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