

Fupont Polyimide Film Tape FB125160KT

Product Description

Fupont Polyimide Film Tape FB125160KT with FuPont polyimide film and silicone adhesive used for PCB solder masking and other high temperature applications. This product is amber colored and 0.16mm thick.

Features and Benefits

- The FuPont polyimide film does not soften at elevated temperatures, thus the film provides an excellent release surface at elevated temperatures
- Is dimensionally stable at high temperatures, which helps reduce rework, helping to enable high productivity
- Is flame retardant, chemical and radiation resistant which helps protect surfaces to help reduce replacement costs
- The silicone adhesive's high temperature performance helps reduce adhesive transfer which helps to eliminate cleaning, enabling high productivity
- Polyethylene tape core instead of cardboard

Product Construction

Fupont Polyimide Film Tape FB125160KT	
Backing	Fupont Polyimide Film
Adhesive	Silicone
Color	Amber
Standard Roll Length	33 m (36 yd)

Application Ideas

- Mask for protection of gold fingers of printed circuit boards during wave solder or solder dip process.
- Release surface in fabrication of parts cured at elevated temperatures. For the adhesion and class H insulation of electronic switch, motor, transformer, relay, wires, coil, capacitor and lithium battery etc.

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

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Item	Fupont Polyimide Film Tape FB125160KT
Color	Amber
Backing	Polyimide
Adhesive	Silicone
Backing Thickness(mm)	0.125
Total Thickness(mm)	0.160
Tensile Strength(N/25mm)	450
Adhesion (N/25mm)	6
Elongation at Break (%)	60
Corrosion Resistance	1.0
Electrical Strength (Volts)	12000
Anti-static(Ω)	-
Temperature Resistance($^{\circ}$ C)	-20 $^{\circ}$ C to 260 $^{\circ}$ C (-100 $^{\circ}$ to 500 $^{\circ}$ F)
Width(mm)	2~500(Custom Slit Available)
Length(m)	33m

These values are measured values and not guaranteed value

Storage Conditions:

Store in a clean dry shady place. Temperature of 23 $^{\circ}$ C (70 $^{\circ}$ F) and 50% relative humidity are recommended.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that Fupont believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond Fupont control and uniquely within user's knowledge and control can affect the use and performance of a Fupont product in a particular application. Given the variety of factors that can affect the use and performance of a Fupont product, user is solely responsible for evaluating the Fupont product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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