TECHNICAL DATA SHEET

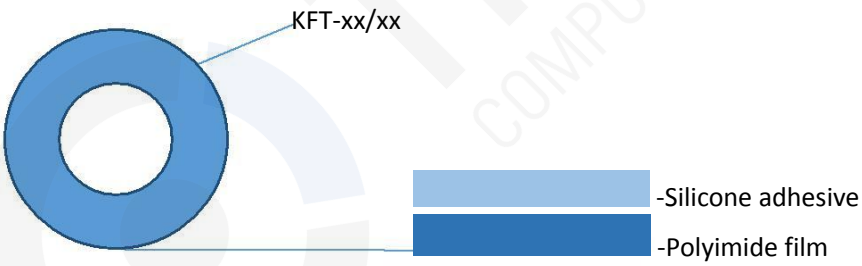
Polyimide Film Tape-KFT-xx/xx



Description

KFT is a polyimide film backed silicone adhesive tape with excellent heat resistance and insulation properties.

Construction



Features

- Electrical insulation and clean removal without residue.
- Resistant high temperature up to 280℃ for 10 minutes
- Excellent tensile strength & Elongation
- RoHS Compliant

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Application

- Mask for printed circuit boards during wave solder or solder dip process.
- Masking contacts during spray painting, powder coating & solder coating.
- Bundling of transformer, motor, battery & electronic components for insulation purpose.

Properties

Item	Typical Value		Test Method
	Imperial	Metric	
Backing	1.0mil	0.025mm	/
Total Thickness	2.2mil	0.055±0.005mm	/
Tack	/	≥26(J.DOW/#)	/
Adhesion to Steel	0.91～1.37lbs/in	4～6N/25mm	GBT 2792-2014
Tensile Strength	≥20lbs/in	≥3.5（KN/M）	GBT 30776-2014
Elongation	≥45%	≥45%	GBT 30776-2014
Maximum Operating Temperature	536℉	280℃	/

Storage

- Store under normal conditions of 10-30℃ and 40-70% R.H, out of direct sunlight.
- Shelf life: 12 months from the date of manufacture when stored in initial packing.

Precaution Reminder

- Surface should be clean, dry, free of dust, oil or other contaminants.
- Proper pressure required by roller, hand or press when applying.
- Avoid repeat sticking to prevent adhesion decrease.

Notes

Please be advised that this technical data sheet is written based on our lab tests and experience only. Customer is responsible to determine the suitability of the product meets intended application requirements before approved for use.

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