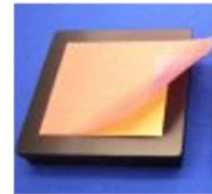


THERMAL CONDUCTIVE TAPES

FCT Series

The FCT73 series of thermal conductive adhesive tape has varying thicknesses from 0.05mm to 0.3mm). When the product is applied, heat is conducted away from sensitive components while uneven surfaces are properly flattened and filled. The thermal tape is also electrically isolating. Can be supplied cut to custom size. The adhesive tapes are silicone based and also Halogen free.



PRODUCT APPLICATION

Electronic Parts: IC, CPU, MOS
LED: M/B, PS, LCD TV

Item	FCT73L-15	FCT73L-25	FCT73S-05	FCT73S-10	FCT73L-30	Test Method
Carrier Type	Fibre Glass	Fibre Glass	None	None	Fibre Glass	-
Release Liner	120g W/PEK	120g W/PEK	120g W/PEK	120g W/PEK	120g W/PEK	-
Sheet Size (mm)	305x305	305x305	305x305	305x305	305x305	-
Roll Size (m)	1.24(w) x 25/50/100(l) or 1.05(w) x 25(l)					-
Adhesive Thickness (mm)	0.15	0.25	0.05	0.10	0.30	-
Total Tape Thickness	0.15 ±10%	0.25±10%	0.05±10%	0.10±10%	0.30±10%	-
180° Peel Adhesion	>13.72	>13.72	>10.78	>13.72	>13.72	PSTC-101 (N/25mm)
Temperature Tolerance						-
Long Term °C	120	120	120	120	120	
Short Term °C	180	180	180	180	180	
Holding Power						PSTC-7 (Hr)
1kg/inch/25°C	>48	>48	>48	>48	>48	
1kg/inch/60°C	>24	>24	>24	>24	>24	
Initial Tack	14	16	8	12	16	J.Dow Method No
Insulation Strength (kv)	2	4	1	2	7.4	ASTM D149
Thermal Impedance @40psi	0.715	1.196	0.414	0.558	1.445	ASTM D2240 (C*in2/W)
Thermal conductivity (W/m-k)	0.85	0.85	0.85	0.85	0.85	ASTM D2240
Temperature Range (°C)	-20 ~ 120	-20 ~ 120	-20 ~ 120	-20 ~ 120	-20 ~ 120	-
Flammability Rating	n/a	n/a	n/a	n/a	n/a	-

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