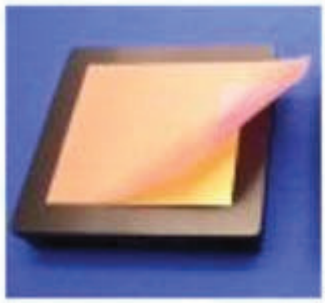
amecthermasol

Thermal Conductive Tapes / FCT73 Series

As each new generation of electronics equipment exhibits higher performance and more and more power into ever smaller packages, it will dissipate power in the form of heat and requires some degree of thermal management.

AMEC Thermosol markets a variety of Thermal Management Materials in response to the changing needs of the assembly of electronics packaging in notebook computers, high performance CPU, chipsets, mobile electronic appliances, power conversion and amplification modules etc. Our products include thermally conductive Pads / Insulators and gap filler pads, thermally conductive adhesive tapes, phase change interface materials, and artifical graphite sheets.

The FCT73 series of thermal conductive adhesive tape has varying thicknesses (from 0.05mm to 0.5mm) and can be used to seal gaps among PCBs, heat dissipating modules, metallic structures, and machine casings. When the product is applied, heat is conducted away from sensitive components while uneven surfaces are properly flattened and filled. The thermal conductive tape is also electrically isolating. The FCT73L series has UL 94 V-0 Flammability. rating. Can be supplied cut to customers size. Available in rolls. The thermal conductive adhesive tapes are Silicone and Halogen free, also ROHS and REACH compliant.



RoHS Compliant

Part Number	Adhesive Thickness (mm)	Thermal Conductivity (W/m.K)	Thermal Impedance (℃in2/W)	Adhesive Type	Flammability Rating	Carrier Type	TACK	Adhesion N/25mm
FCT73L-15	0.15+/-10%	1.0	0.58	Acrylic Polymer	UL 94V-0	Fiberglass	20	>8.86
FCT73L-25	0.25+/-10%	1.0	0.85	Acrylic Polymer	UL 94V-0	Fiberglass	17	>10.76
FCT73S-30	0.30+/-10%	1.0	0.884	Acrylic Polymer	-	Fiberglass	15	>13.68
FCT73S-05	0.05+/-10%	0.85	0.414	Acrylic Polymer	-	N/A	8	>10.78
FCT73S-10	0.10+/-10%	0.85	0.414	Acrylic Polymer	-	N/A	12	>13.72

Part Number	Holding Power (Hr) 1kg/inch/25℃	Insulation Strength (KV)	Temperature Range ℃	Standard Sheet Size (mm)	Standard Roll Size (M)	Colour
FCT73L-15	>48	2	-20~+120	305x305	1.24(W)x25/50/100(L), 1.05(W)x25	White
FCT73L-25	>48	5	-20~+120	305x305	1.24(W)x25/50/100(L), 1.05(W)x25	White
FCT73S-30	>48	8	-20~+120	305x305	1.24(W)x25/50/100(L), 1.05(W)x25	White
FCT73S-05	>48	1	-20~+120	305x305	1.24(W)x25/50/100(L), 1.05(W)x25	White
FCT73S-10	>48	2	-20~+120	305x305	1.24(W)x25/50/100(L), 1.05(W)x25	White

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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

AMEC Thermasol:

WGCF20-0.5-A1 MHP-2040A-150A W6TR315G-3.0 FCTS73-10N MHP-1630A-300A MHP-2550A-200A FCTS73-05N MHP-2040A-100A MPC151525T MPC202025T WG-50NS20020020 WGCF20-2.0 MPC101020T WG-120S20020020 WGCF20-0.5 FCT73L-15 FCT73L-25 MHP-1630A-100A MPC222225T MPC303050WT WG-50NS20020010 WGCF20-1.0-A1 MHP-1630A200A MPC303025T W8TR500G-0.5GF W8TR500G-2.0-T1 WG-60NS20020020 WGCF20-2.0-A1 W8TR500G-0.5