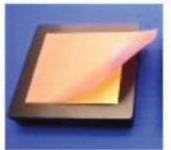


## **Thermal Conductive Tapes / FCT73 Series**

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.



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FCT73S-30

FCT73S-05

FCT73S-10

>48

>48

>48

## RoHS Compliant

White

White

White

1.24(W)x25/50/100(L), 1.05(W)x25 1.24(W)x25/50/100(L), 1.05(W)x25

1.24(W)x25/50/100(L), 1.05(W)x25

| Part Number | (mm)                                | (W/m.K)                     | -7                     | (°Cin2/W)                                |   | Rating                           | Carrier Type | TACK     | N/25mm   |
|-------------|-------------------------------------|-----------------------------|------------------------|--|---|----------------------------------|--------------|----------|----------|
| FCT73L-15   | 0.15+/-10%                          | 1.0                         | 0.58                   | 0.58                                     |   | UL 94V-0                         | Fiberglass   | 20       | >8.86    |
| FCT73L-25   | 0.25+/-10%                          | 1.0                         | 0.85                   | 0.85                                     |   | UL 94V-0                         | Fiberglass   | 17       | >10.76   |
| FCT73S-30   | 0.30+/-10%                          | 1.0                         | 0.884                  | 0.884                                    |   | -                                | Fiberglass   | 15       | >13.68   |
| FCT73S-05   | 0.05+/-10%                          | 0.85                        | 0.414                  | 0.414                                    |   | -                                | N/A          | 8        | >10.78   |
| FCT73S-10   | 0.10+/-10%                          | 0.85                        | 0.414                  | 0.414                                    |   | -                                | N/A          | 12       | >13.72   |
| Part Number | Holding Power<br>(Hr) 1kg/inch/25 ℃ | Insulation<br>Strength (KV) | Temperature<br>Range ℃ | Stan                                     | Standard Sheet Size Standard Roll Size (mm) (M) |                                  | Size         | Colour   |          |
| FCT73L-15   | >48                                 | 2                           | -20~+120               | 305x305                                  |   | 1.24(W)x25/50/100(L), 1.05(W)x25 |              |          | 25 White |
| FCT73L-25   | >48                                 | 5                           | -20~+120               | 305x305 1.24(W)x25/50/100(L), 1.05(W)x25 |   |                                  |              | 25 White |          |

-20~+120

-20~+120

-20~+120

## **AMEC Thermasol**

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305x305

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