



tesa[®] 60744

Product Information

tesa[®] 60744 50 µm thermal management tape

Product Description

tesa[®] 60744 is a thermal management transfer tape which is designed for high thermal conductivity with strong mounting on heat source or heat spreading material such as display, MLB, and components in electronics devices.

Product Features

- High thermal conductivity in z-direction
- Strong bonding strength
- Excellent surface wet-out
- Easy handling
- Thin design
- Excellent electrical insulation

Application Fields

- Component mounting wherever heat transfer is needed
- Heat dissipation from MLB / FPC to heat spreader
- Display mounting and heat transfer to other substrate
- Vapor chamber or heat pipe mounting
- Antenna mounting
- Graphite sheet mounting

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|----------|-------------------|-------------|
| • Backing | none | • Total thickness | 50 µm |
| • Type of adhesive | acrylic | • Color | white |
| • Type of liner | PET film | • Color of liner | transparent |

Properties/Performance Values

- | | | | |
|------------------------------------|--------|-----------|------|
| • Breakdown voltage | 2.9 KV | • Wetting | 84 % |
| • Thermal conductivity z-direction | 1 W/mK | | |

Adhesion to Values

- | | |
|-------------------|--------|
| • Steel (initial) | 5 N/cm |
|-------------------|--------|

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Product Information

Additional Information

Thermal conductivity measured by ASTM D5470

Disclaimer

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