



# tesa<sup>®</sup> 60742

## Product Information

tesa<sup>®</sup> 60742 10 µm Ultra-thin thermal management tape

### Product Description

tesa<sup>®</sup> 60742 is a ultra-thin 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

- Ultra-thin thickness
- High thermal conductivity in z-direction
- Strong bonding strength
- Excellent surface wet-out
- Easy handling
- Excellent electrical insulation

### Application Fields

- Ultra-thin component mounting wherever heat transfer is needed
- Heat dissipation from MLB / FPC to heat spreader
- Graphite sheet module

### 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 | 10 µm       |
| • Type of adhesive | acrylic  | • Color           | white       |
| • Type of liner    | PET film | • Color of liner  | transparent |

### Properties/Performance Values

- |                                    |          |           |      |
|------------------------------------|----------|-----------|------|
| • Breakdown voltage                | 0.4 KV   | • Wetting | 79 % |
| • Thermal conductivity z-direction | 0.6 W/mK |           |      |

### Adhesion to Values

- |                   |          |
|-------------------|----------|
| • Steel (initial) | 3.5 N/cm |
|-------------------|----------|



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### Additional Information

Thermal conductivity measured by ASTM D5470

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=60742>