



# tesa® 60743

## Product Information



tesa® 60743 30 µm thermal management tape

### Product Description

tesa® 60743 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 material | none     | • Total thickness | 30 µm       |
| • Type of adhesive | acrylic  | • Colour          | white       |
| • Type of liner    | PET film | • Colour of liner | transparent |

### Properties/Performance Values

- |                                    |        |           |      |
|------------------------------------|--------|-----------|------|
| • Breakdown voltage                | 1.5 KV | • Wetting | 81 % |
| • Thermal conductivity z-direction | 1 W/mK |           |      |

### Adhesion to Values

- |                   |        |
|-------------------|--------|
| • Steel (initial) | 4 N/cm |
|-------------------|--------|

For latest information on this product please visit <http://l.tesa.com/?ip=60743>



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### Additional Information

Thermal conductivity measured by ASTM D5470

### Disclaimer

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