



# tesa® 60685

## Product Information

500µm single sided gray electrically conductive foam tape

### Product Description

tesa® 60685 is a gray single sided electrically conductive self adhesive foam tape. It consists of a highly compressible electrically conductive foam backing and an electrically conductive adhesive.

### Product Features

- Highly compressible with very low force
- Excellent recovery property
- Excellent conformability to surface variations and tolerances
- Good electrical conductivity over a wide working range in XYZ-direction even at high temperatures and humidity
- High bonding strength even at harsh environmental conditions
- Excellent shock absorbing and cushioning properties

### Application Fields

- Conductive gap filling
- EMI shielding and grounding applications
- Electrostatic discharge applications

### 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          | conductive foam    | • Color              | gray            |
| • Type of adhesive | conductive acrylic | • Color of liner     | white/blue logo |
| • Type of liner    | PE-coated paper    | • Thickness of liner | 120 µm          |
| • Total thickness  | 500 µm             |                      |                 |

### Properties/Performance Values

- |  |                        |                                     |          |
|--|------------------------|-------------------------------------|----------|
| • Contact resistance z-direction (initial) | 0.03 Ohm / square inch | • Surface resistance x-y-direction  | 0.2 mOhm |
| • Release of liner                         | easy                   | • Temperature resistance short term | 200 °C   |

### Adhesion to Values

- Steel (after 14 days) 8 N/cm



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=60685>