



# tesa<sup>®</sup> 60249

## Product Information

700µm single sided grey electrically conductive foam tape

### Product Description

tesa<sup>®</sup> 60249 is a grey single sided electrically conductive self adhesive foam tape. It consist of a perforated foam with electrically conductive coating and an electrically conductive adhesive.

tesa<sup>®</sup> 60246 features especially:

- Thickness: 700µm
- Excellent electrical conductivity in XYZ-direction even at high temperatures and humidity
- High adhesion level even at harsh environmental conditions
- Very good shock absorbing and cushioning properties
- High stability of the foam to avoid flaking of particles

### Product Features

- Thickness: 700µm
- Excellent electrical conductivity in XYZ-direction even at high temperatures and humidity
- Very good shock absorbing and cushioning properties
- High stability of the foam to avoid flaking of particles
- High adhesion level even at harsh environmental conditions

### Application Fields

- 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              | grey            |
| • Type of adhesive | conductive acrylic | • Color of liner     | white/blue logo |
| • Type of liner    | PE-coated paper    | • Thickness of liner | 120 µm          |
| • Total thickness  | 700 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 | 160 °C   |

For latest information on this product please visit <http://l.tesa.com/?ip=60249>



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### Adhesion to Values

- Steel (after 14 days) 7.5 N/cm

### Disclaimer

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