



tesa[®] 60685

Product Information

500µm/19.7 mil 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.

tesa[®] 60685 features especially:

- 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

Product Features

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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 19.7 mils		4.7 mils



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Product Information

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
392 °F |

Adhesion to Values

- | | |
|-------------------------|----------------------|
| • Steel (after 14 days) | 8 N/cm
73.1 oz/in |
|-------------------------|----------------------|

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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