



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 Ohm / square |
| • Release of liner | easy | • Temperature resistance short term | 200 °C |

Adhesion to Values

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



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