

tesa® 60218

Product Information



2,000 µm single sided grey electrically conductive foam tape

Product Description

tesa® 60218 is a grey 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 foam backing with low closure force and reliable recovery properties
- Excellent conformability to surface variations and tolerances
- Excellent electrical conductivity over a wide working range in XYZ-direction even at high temperatures and humidity
- High adhesion level even at harsh environmental conditions
- Excellent shock absorbing and cushioning properties
- High stability of the foam to avoid flaking of particles

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 | 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 | 2000 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 (initial) | 5 N/cm | • Steel (after 14 days) | 8.5 N/cm |
|-------------------|--------|-------------------------|----------|

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Disclaimer

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