



tesa® 60272

Product Information

50µm double sided black electrically conductive non-woven tape

Product Description

tesa® 60272 is a black double sided electrically conductive self adhesive tape. It consists of an electrically conductive non-woven backing and an electrically conductive acrylic adhesive.

Color: black

Product Features

- Thickness: 50µm
- Excellent electrical conductivity in XYZ-direction even at high temperatures and humidity
- High adhesion level even at harsh environmental conditions
- Excellent conformability and adjustment to uneven surfaces
- Very good die-cuttability

Application Fields

- EMC applications, such as grounding
- 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 non-woven | • Color | black |
| • Type of adhesive | conductive acrylic | • Color of liner | white/blue logo |
| • Type of liner | PE-coated paper | • Thickness of liner | 120 µm |

Properties/Performance Values

- | | | | |
|--|------------------------|-------------------------------------|----------|
| • Contact resistance z-direction (initial) | 0.02 Ohm / square inch | • Surface resistance x-y-direction | 0.2 mOhm |
| • Release of liner | easy | • Temperature resistance short term | 200 °C |
| • Static shear resistance at 40°C | very good | | |

Adhesion to Values

- | | |
|-------------------------|----------|
| • Steel (after 14 days) | 6.1 N/cm |
|-------------------------|----------|



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Product Information

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