



tesa® 60251

Product Information

55µm double sided grey electrically conductive removable woven tape

Product Description

tesa® 60251 is a grey double sided electrically conductive self adhesive tape. It consists of an electrically conductive woven backing coated with an electrically conductive permanent adhesive on one side and a special electrically conductive removable adhesive on the other (open) side.

Product Features

- Thickness: 55µm
- Excellent electrical conductivity in XYZ-direction even at high temperatures and humidity
- High adhesion level even at harsh environmental conditions
- Very good removability

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 woven | • 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 | 55 µm | | |

Properties/Performance Values

- | | | | |
|--|------------------------|-------------------------------------|----------|
| • Contact resistance z-direction (initial) | 0.05 Ohm / square inch | • Surface resistance x-y-direction | 0.2 mOhm |
| • Release of liner | easy | • Temperature resistance short term | 180 °C |

Adhesion to Values

- | | | | |
|---|----------|-----------------------------------|----------|
| • Steel (after 14 days), permanent side | 7.6 N/cm | • Steel (initial), permanent side | 4.6 N/cm |
| • Steel (after 14 days), removable side | 1.3 N/cm | • Steel (initial), removable side | 0.5 N/cm |



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