



# 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 |

For latest information on this product please visit <http://l.tesa.com/?ip=60251>



# tesa<sup>®</sup> 60251

## Product Information

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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.



For latest information on this product please visit <http://l.tesa.com/?ip=60251>