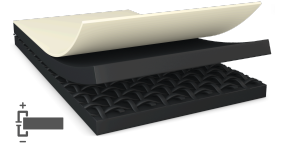




# tesa® 60231

## Product Information



25µm single-sided matte black electrically conductive tape xyz-axis

### Product Description

tesa® 60231 is a ultra-thin matte black single sided electrically conductive self adhesive tape.

It consists of a electrically conductive fabric backing which is coated with black electrically conductive acrylic adhesive.

tesa® 60231 features especially:

- Ultra-thin single sided conductive tape for thin application
- Excellent electrical conductivity in xyz-direction and good shielding performance
- Good adhesion level even at harsh environmental conditions avoids edge lifting
- Easy processing and lamination
- Matte black surface (low gloss) with anti fingerprint and solvent resistant characteristic

### Application Fields

- Matte black conductive covering and shielding
- \* Edge wrapping of electronic components

### 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 material | conductive non-woven | • Color              | matte black |
| • Type of adhesive | conductive acrylic   | • Colour of liner    | transparent |
| • Type of liner    | PET                  | • Thickness of liner | 50 µm       |
| • Total thickness  | 25 µm                |                      |             |

### Properties/Performance Values

- |  |                        |   |                  |
|--|------------------------|---|------------------|
| • Contact resistance z-direction (initial) | 0.05 Ohm / square inch | • Surface resistance x-y-direction (adhesive) | 0.2 Ohm / square |
| • Static shear resistance at 23°C          | good                   | • Surface resistance x-y-direction (backing)  | 0.3 Ohm / square |
| • Static shear resistance at 40°C          | good                   | • Temperature resistance short term           | 200 °C           |

### Adhesion to Values

- Steel (after 14 days) 4.1 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=60231>



# tesa<sup>®</sup> 60231

## 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.



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