



# tesa<sup>®</sup> 60231

## Product Information

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

### Product Description

tesa<sup>®</sup> 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.

### Product Features

- 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          | conductive non-woven | • Color              | matte black |
| • Type of adhesive | conductive acrylic   | • Color 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>



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### Disclaimer

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