



# tesa<sup>®</sup> 60538

## Product Information

50µm single sided electrically conductive copper tape

### Product Description

tesa<sup>®</sup> 60538 is a single sided electrically conductive self adhesive tape. It consists of an electrically conductive copper backing and an electrically conductive acrylic adhesive. Designed for EMI shielding and ESD grounding for display and other components applications.

### Product Features

- Excellent EMI shielding performance
- Excellent electrical conductivity in XYZ-direction for very good grounding performance
- High adhesion level

### Application Fields

- EMI shielding and grounding applications
- Electrostatic discharge applications
- FPC shielding

### 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 | copper film        | • Colour             | orange      |
| • Type of adhesive | conductive acrylic | • Colour of liner    | transparent |
| • Type of liner    | PET                | • Thickness of liner | 50 µm       |
| • Total thickness  | 50 µm              |                      |             |

### Properties/Performance Values

- |  |                        |  |          |
|--|------------------------|--|----------|
| • Contact resistance z-direction (initial) | 0.03 Ohm / square inch | • Surface resistance x-y-direction           | 0.1 mOhm |
| • Release of liner                         | easy                   | • Temperature resistance short term duration | 200 °C   |
| • Static shear resistance at 40°C          | good, medium           |  |          |

### Adhesion to Values

- Steel (after 14 days) 7.7 N/cm



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### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=60538>