



# tesa® 60238

## Product Information

45µm single sided matte black electrically conductive tape

### Product Description

tesa® 60238 is a matte black single sided xyz conductive EMI shielding tape. It consists of matte black electrically conductive copper backing which is coated with 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 even at harsh environmental conditions avoids edge lifting
- Outstanding heat spreading performance
- Matte black surface (low gloss) with anti-finger print and solvent resistant characteristic

### Application Fields

- Edge wrapping for display
- Matte black covering over components for shielding and ESD grounding
- Light management on display
- Heat management on various 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          | black-coated copper | • Color              | matte black |
| • Type of adhesive | conductive acrylic  | • Color of liner     | transparent |
| • Type of liner    | PET                 | • Thickness of liner | 50 µm       |
| • Total thickness  | 45 µm               |                      |             |

### Properties/Performance Values

- |   |                        |  |                  |
|---|------------------------|--|------------------|
| • Contact resistance z-direction (initial)    | 0.05 Ohm / square inch | • Surface resistance x-y-direction (backing) | 0.4 Ohm / square |
| • Static shear resistance at 40°C             | good                   | • Temperature resistance short term          | 200 °C           |
| • Surface resistance x-y-direction (adhesive) | 0.2 Ohm / square       |  |                  |

### Adhesion to Values

- Steel (after 14 days) 7 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=60238>



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### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=60238>