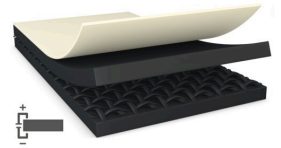




# tesa® 60583

## Product Information



tesa® 60583 35 µm single sided matte black electrically conductive fabric tape

### Product Description

tesa® 60583 is a matte black single sided electrically conductive fabric tape. It consists of electrically conductive matte black fabric and conductive adhesive coating layer. Designed for covering and shielding for MLB, display, FPC and other components applications.

### Product Features

- Excellent matte black appearance
- Very good conductivity in XYZ-direction
- Good EMI shielding performance
- Good bonding strength

### Application Fields

- MLB shielding and covering
- FPC shielding
- Matte black shielding and covering on component

### 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 conductive fabric | • Color              | matte black |
| • Type of adhesive | conductive acrylic      | • Color of liner     | transparent |
| • Type of liner    | PET film                | • Thickness of liner | 50 µm       |
| • Total thickness  | 35 µm                   |                      |             |

### Properties/Performance Values

- |  |                        |   |                   |
|--|------------------------|---|-------------------|
| • Contact resistance z-direction (initial) | 0.06 Ohm / square inch | • Surface resistance x-y-direction (adhesive) | 0.25 Ohm / square |
| • Gloss level (60°)                        | 1.3 GU                 | • Surface resistance x-y-direction (backing)  | 0.35 Ohm / square |

### Adhesion to Values

- |                         |          |
|-------------------------|----------|
| • Steel (after 14 days) | 4.3 N/cm |
|-------------------------|----------|



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=60583>