



# tesa® 4386

## Product Information



### Aluminum Tape with electrically conductive adhesive

#### Product Description

tesa® 4386 is a pressure sensitive adhesive tape based on a 40 micron aluminum foil, an electrically conductive acrylic adhesive and a white siliconized paper liner (65 µm).

#### Product Features

- Conductive backing
- Conductive adhesive

#### Application Fields

- electrostatic and EMI/RFI shielding
- Cable wrapping

#### 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          | aluminium foil     | • Color              | silver   |
| • Type of adhesive | conductive acrylic | • Color of liner     | white    |
| • Type of liner    | paper              | • Thickness of liner | 65 µm    |
| • Total thickness  | 85 µm              | • Thickness of tape  | _NULL µm |

#### Properties/Performance Values

- |                                  |            |   |                   |
|----------------------------------|------------|---|-------------------|
| • Elongation at break            | 6 %        | • Operation temperature up to                 | 180 °C            |
| • Tensile strength               | 30 N/cm    | • Suitable for die cutting                    | yes               |
| • Backing appearance (visual)    | reflective | • Surface resistance x-y-direction (adhesive) | 0.25 Ohm / square |
| • Contact resistance z-direction | 5 mOhm     | • Surface resistance x-y-direction (backing)  | 0.2 Ohm / square  |
| • Hand tearability               | yes        | • Temperature resistance long term            | 120 °C            |
| • Liner release force            | 2 N/cm     | • Temperature resistance short term           | 150 °C            |

#### Adhesion to Values

- |           |          |         |        |
|-----------|----------|---------|--------|
| • Backing | 3.5 N/cm | • Steel | 3 N/cm |
|-----------|----------|---------|--------|

For latest information on this product please visit <http://l.tesa.com/?ip=04386>



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### Additional Information

Test method for contact resistance using a 1 kg electrode and a 1 square inch contact surface

### Disclaimer

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