



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 material | aluminium foil | • Colour | silver |
| • Type of adhesive | conductive acrylic | • Colour 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 duration | 120 °C |
| • Liner release force | 2 N/cm | • Temperature resistance short term duration | 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

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