



# tesa<sup>®</sup> 4386

## Product Information



## Aluminum Tape with electrically conductive adhesive

### Product Description

tesa<sup>®</sup> 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>



# tesa<sup>®</sup> 4386

## Product Information

### Additional Information

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

### Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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