

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 of liner	white
• Type of adhesive	conductive acrylic	• Thickness of liner	65 µm
• Type of liner	paper	• Thickness of tape	_NULL µm
• Color	silver		

Properties/Performance Values

• Elongation at break	6 %	• Liner release force	2 N/cm
• Tensile strength	30 N/cm	• Operation temperature up to	180 °C
• 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

Adhesion to Values

• Backing	3.5 N/cm	• Steel	3 N/cm
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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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