



tesa® 60364

Product Information

tesa® 60364 100 µm double sided high performance electrically conductive fabric tape

Product Description

tesa® 60364 is high performance electrically conductive fabric tape. It consists of electrically conductive fabric backing and specially designed conductive adhesive coating layer on both sides. Designed for grounding and shielding which needs higher electrical conductivity but also higher bonding performance such as FPC, PCB, display, antenna and other components applications.

Product Features

- Improved and stable electrical conductivity
- Excellent grounding performance at small bonding area
- Excellent electrical conductivity in XYZ-direction even after damp heat conditions
- Very strong bonding strength with high peel adhesion

Application Fields

- EMC applications
- FPCs, PCB main board application for grounding
- FPCs for Display
- Antenna and other components in electronics device

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 | conductive woven | • Color | gray |
| • Type of adhesive | conductive acrylic | • Color of liner | transparent |
| • Type of liner | PET film | • Thickness of liner | 50 µm |
| • Total thickness | 100 µm | | |

Properties/Performance Values

- | | | | |
|--|------------------------|---|------------------|
| • Contact resistance z-direction (initial) | 0.01 Ohm / square inch | • Surface resistance x-y-direction (adhesive) | 0.1 Ohm / square |
|--|------------------------|---|------------------|

Adhesion to Values

- | | | | |
|-----------------------------|---------|-------------------------|---------|
| • Aluminium (initial) | 10 N/cm | • PI (initial) | 10 N/cm |
| • Aluminium (after 14 days) | 11 N/cm | • PI (after 14 days) | 11 N/cm |
| • Copper (initial) | 10 N/cm | • Steel (after 14 days) | 10 N/cm |
| • Copper (after 14 days) | 11 N/cm | | |

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Additional Information

*Easy release for 50µm, tight release for 23µm

Disclaimer

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