



tesa® 60538

Product Information

50µm single sided electrically conductive copper tape

Product Features

- Excellent EMI shielding performance
- Excellent electrical conductivity in XYZ-direction for very good grounding performance
- High adhesion level

tesa® 60538 is a single sided electrically conductive self adhesive tape. It consists of an electrically conductive copper backing and an electrically conductive acrylic adhesive. Designed for EMI shielding and ESD grounding for display and other components applications.

Application Fields

- EMI shielding and grounding applications
- Electrostatic discharge applications
- FPC shielding

Product Construction

- | | | | |
|--------------------|--------------------|----------------------|-------------|
| • Type of adhesive | conductive acrylic | • Thickness of liner | 50 µm |
| • Type of liner | PET | • Backing material | copper film |
| • Color of liner | transparent | • Color | orange |
| • Total thickness | 50 µm | | |

Product Properties/Performance Values

- | | | | |
|--|------------------------|-------------------------------------|----------|
| • Release of liner | easy | • Surface resistance x-y-direction | 0.1 mOhm |
| • Contact resistance z-direction (initial) | 0.03 Ohm / square inch | • Temperature resistance short term | 200 °C |

Adhesion to Values

- | | |
|-------------------------|----------|
| • Steel (after 14 days) | 7.7 N/cm |
|-------------------------|----------|



tesa[®] 60538

Product Information

Disclaimer

tesa[®] 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[®] 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=60538>