



tesa[®] 60382

Product Information

50µm/2 mils double sided gray electrically conductive non-woven tape

Product Description

tesa[®] 60382 is a gray double sided electrically conductive self-adhesive tape. It consists of an electrically conductive non-woven backing and an electrically conductive acrylic adhesive.

tesa[®] 60382 features especially:

- High bonding performance with very high peel adhesion level
- Excellent anti-repulsion performance
- Good electrical conductivity in XYZ-direction even at high temperatures and humidity
- Good conformability and adjustment on uneven surface

Product Features

- High bonding performance with very high peel adhesion level
- Excellent anti-repulsion performance
- Good electrical conductivity in XYZ-direction even at high temperatures and humidity
- Good conformability and adjustment on uneven surface

Application Fields

- EMC applications
- FPC grounding
- Antenna grounding
- Electrostatic discharge applications

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 non-woven | • Color | gray |
| • Type of adhesive | conductive acrylic | • Color of liner | transparent |
| • Type of liner | PET | • Thickness of liner | 23 µm |
| • Total thickness | 50 µm 2 mils | | 0.9 mils |



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Product Information

Properties/Performance Values

- | | | | |
|--|------------------------|-------------------------------------|------------------|
| • Contact resistance z-direction (initial) | 0.06 Ohm / square inch | • Surface resistance x-y-direction | 0.3 mOhm |
| • Release of liner | easy | • Temperature resistance short term | 200 °C 392 °F |
| • Static shear resistance at 40°C | very good | | |

Adhesion to Values

- | | |
|-------------------------|-----------------------|
| • Steel (after 14 days) | 10 N/cm 91.4 oz/in |
|-------------------------|-----------------------|

Additional Information

- 50µm/2 mil tight release liner (outside of the roll)
- 23µm/1 mil easy release liner

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.



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