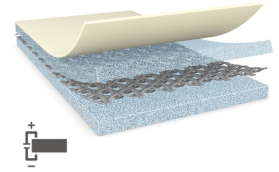


# tesa® 60362

## Product Information



tesa® 60362 50 µm double sided high performance electrically conductive fabric tape

## Product Description

tesa® 60362 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
- Very strong bonding strength with high peel adhesion
- Excellent electrical conductivity in XYZ-direction even after damp heat conditions
- Excellent grounding performance at small bonding area

## Application Fields

- EMC applications
- FPC, PCB main board application for grounding
- FPC 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  | 50 µm              |                      |             |

## Properties/Performance Values

- |                                            |                        |                                    |                  |
|--------------------------------------------|------------------------|------------------------------------|------------------|
| • Contact resistance z-direction (initial) | 0.01 Ohm / square inch | • Surface resistance x-y-direction | 0.1 Ohm / square |
| • Release of liner                         | easy                   |                                    |                  |

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## Product Information

### Adhesion to Values

|                             |        |                         |        |
|-----------------------------|--------|-------------------------|--------|
| • Aluminium (initial)       | 8 N/cm | • PI (initial)          | 8 N/cm |
| • Aluminium (after 14 days) | 9 N/cm | • PI (after 14 days)    | 9 N/cm |
| • Copper (initial)          | 8 N/cm | • Steel (after 14 days) | 8 N/cm |
| • Copper (after 14 days)    | 9 N/cm |                         |        |

### Additional Information

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

### 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=60362>