



tesa® 60860

Product Information



58µm single-sided high conductivity charge collector tape

Product Description

tesa® 60860 is a single-sided electrically conductive self-adhesive tape. It consists of an electrically conductive tin-plated copper backing with an electrically conductive acrylic adhesive and has been designed for use as self-adhesive bus bar in thin film solar panels and EMI shielding for electronics devices

Product Features

- Excellent XYZ conductivity
- Reliable performance after damp heat storage and electrical ageing
- Good initial adhesion and shear resistance
- Tear resistant PET liner for automated application
- Withstands common lamination process in solar industry
- 35 µm soft tin-plated copper backing

Application Fields

- Charger collector tape for thin film solar panels
- EMI shielding for smart phone, Note PC, tablet PC applications in electronics

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 | tin-plated copper | • Color | silver |
| • Type of adhesive | conductive acrylic | • Color of liner | transparent |
| • Type of liner | PET | • Thickness of liner | 50 µm |
| • Total thickness | 58 µm | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|---------|-------------------------------------|--------|
| • Tensile strength | 50 N/cm | • Temperature resistance short term | 200 °C |
| • Static shear resistance at 40°C | good | | |

Adhesion to Values

- | | |
|-------------------------|--------|
| • Steel (after 14 days) | 7 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

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=60860>