



# tesa<sup>®</sup> 58347

## Product Information



110 µm PET tape for Electrical Insulation applications

### Product Description

tesa<sup>®</sup> 58347 is a blue 110 µm PET sandwich tape with a water-based acrylic adhesive. tesa<sup>®</sup> 58347 has been designed for electrical insulation applications in EV batteries.

### Product Features

- Dielectric breakdown and leakage current protection
- Anti-Repulsion performance
- Optimized for process automation and automated in-line detection
- Reworkability

### Application Fields

- Cell-Wrapping
- Metal-Part Insulation

### 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 material | PET film            | • Total thickness    | 110 µm      |
| • Type of adhesive | water-based acrylic | • Colour of liner    | transparent |
| • Type of liner    | PET film            | • Thickness of liner | 23 µm       |

### Properties/Performance Values

- |                       |         |                       |          |
|-----------------------|---------|-----------------------|----------|
| • Elongation at break | 50 %    | • CTI (adhesive side) | 600 V    |
| • Tensile strength    | 60 N/cm | • CTI (backing side)  | 600 V    |
| • Breakdown voltage   | 9 KV    | • Liner removal force | 10 cN/cm |

### Adhesion to Values

- steel 4.1 N/cm



# tesa<sup>®</sup> 58347

## Product Information

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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=58347>