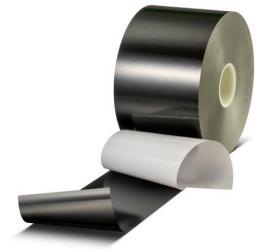




# tesa<sup>®</sup> 58353

## Product Information



85 µm s/s black PET electrical insulation tape with reworkable adhesive

### Product Description

tesa<sup>®</sup> 58353 is a black 85 µm single sided PET tape specifically designed for wrapping and electrical insulation of battery cells and other components of electric vehicles.

### Product Features

- Secure hold when folded around edges, no lifting
- Non-flammable acc. to FMVSS 302
- Clean of particles and fibers per VDA19
- Excellent protection against dielectric breakdown
- Very good reworkability
- Reliable processing through extra strong liner and backing

### Application Fields

Wrapping & electrical insulation of battery cells and other components of electric vehicles

### 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 | PETP             | • Total thickness    | 85 µm  |
| • Type of adhesive | modified acrylic | • Colour of liner    | white  |
| • Type of liner    | PE-coated paper  | • Thickness of liner | 140 µm |

### Properties/Performance Values

- |                       |         |                                |        |
|-----------------------|---------|--------------------------------|--------|
| • Elongation at break | 80 %    | • Dielectric breakdown voltage | 7000 V |
| • Tensile strength    | 74 N/cm |                                |        |

### Adhesion to Values

- |                       |        |
|-----------------------|--------|
| • Aluminium (initial) | 2 N/cm |
|-----------------------|--------|



# tesa<sup>®</sup> 58353

## 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=58353>