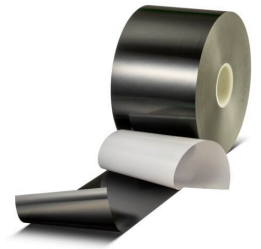




# tesa® 58353

## Product Information



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

### Product Description

tesa® 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          | PETP             | • Total thickness    | 85 µm  |
| • Type of adhesive | modified acrylic | • Color 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

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For latest information on this product please visit <http://l.tesa.com/?ip=58353>