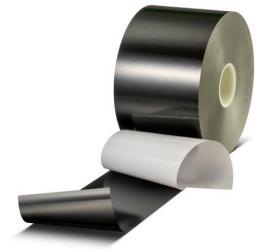




# tesa<sup>®</sup> 58353

## 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 Grid | PETP                                  | • Colour             | black, beige |
| • Type of adhesive Grid | modified acrylic,<br>advanced acrylic | • Colour of liner    | white        |
| • Type of liner Grid    | PE-coated paper,<br>poly-coated paper | • Thickness of liner | 140 µm       |
| • Total thickness       | 85 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 | • Steel (initial)       | 6 N/cm |
| • Aluminium (after 14 days) | 5 N/cm | • Steel (after 14 days) | 6 N/cm |

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



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## Product Information

### Disclaimer

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