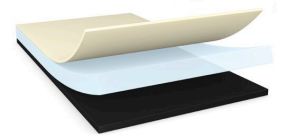




# tesa<sup>®</sup> 58356

## Product Information



130µm single-sided black PET tape

## Product Description

tesa<sup>®</sup> 58356 is a 130µm single-sided black PET tape equipped with 100µm black PET backing to ensure an outstanding electrical insulation property. Its tackified acrylic adhesive offers a very good reliable bonding strength during applications. Transparent PET liner provides easy handling while converting.

## Product Features

- Excellent electrical insulation protection in battery
- Suitable for automation process
- Reliable processing through strong liner and backing
- Outstanding reliability performance according to automotive environment
- RoHS, REACH compliance
- Halogen-free

## Application Fields

Electrical insulation of battery side plate 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          | PET               | • Total thickness    | 130 µm      |
| • Type of adhesive | tackified acrylic | • Color of liner     | transparent |
| • Type of liner    | PET film          | • Thickness of liner | 36 µm       |

## Properties/Performance Values

- |                                |           |                                    |           |
|--------------------------------|-----------|------------------------------------|-----------|
| • Elongation at break          | 154 %     | • Static shear resistance at 23°C  | very good |
| • Tensile strength             | 165 N/cm  | • Static shear resistance at 40°C  | very good |
| • Dielectric breakdown voltage | 13330 V   | • Temperature resistance long term | 125 °C    |
| • Humidity resistance          | very good |                                    |           |

## Adhesion to Values

- |                             |          |                         |           |
|-----------------------------|----------|-------------------------|-----------|
| • Aluminium (initial)       | 5.1 N/cm | • Steel                 | 8 N/cm    |
| • Aluminium (after 14 days) | 7.2 N/cm | • Steel (after 14 days) | 12.5 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=58356>



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## Product Information

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