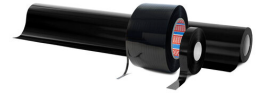




# tesa<sup>®</sup> 58331

## Product Information



85 µm s/s Black PET tape for electrical insulation applications

### Product Description

tesa<sup>®</sup> 58331 is a black 85µm single sided PET tape with an acrylic adhesive that has been specifically designed for the electrical insulation of battery components.

### Product Features

- High dielectric strength to ensure reliable electrical insulation.
- Thin profile for applications with space constraints.
- Low CO<sub>2</sub> footprint, no solvents.
- Designed with a PET liner for automation.
- Black color allows visual detection in production.

### 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 film | • Total thickness    | 85 µm       |
| • Type of adhesive | acrylic  | • Color of liner     | transparent |
| • Type of liner    | PET film | • Thickness of liner | 30 µm       |

### Properties/Performance Values

- |                       |         |                     |        |
|-----------------------|---------|---------------------|--------|
| • Elongation at break | 90 %    | • Breakdown voltage | 8.5 KV |
| • Tensile strength    | 25 N/cm |                     |        |

### Adhesion to Values

- |                       |        |         |        |
|-----------------------|--------|---------|--------|
| • Aluminium (initial) | 6 N/cm | • Steel | 7 N/cm |
|-----------------------|--------|---------|--------|



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=58331>