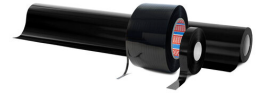




# tesa® 58331

## Product Information



85 µm (3.34 mil) s/s Black PET tape for electrical insulation applications.

### Product Description

tesa® 58331 is a black 85µm ( 3.34 mil) single sided PET tape with a water-based acrylic adhesive that has been specifically designed for the electrical insulation of battery components.

### Product Features

- Hi dielectric strength to insure 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.

### Application Fields

- Electrical insulation of battery 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 film | • Total thickness    | 85 µm       |
| • Type of adhesive | acrylic  | • Color of liner     | 3.3 mils    |
| • Type of liner    | PET film | • Thickness of liner | transparent |
|                    |          |                      | 30 µm       |
|                    |          |                      | 1.2 mils    |

### Properties/Performance Values

- |                       |             |                     |           |
|-----------------------|-------------|---------------------|-----------|
| • Elongation at break | 90 %        | • Breakdown voltage | 0.0085 KV |
| • Tensile strength    | 25 N/cm     |                     |           |
|                       | 14.3 lbs/in |                     |           |

### Adhesion to Values

- |                       |            |         |          |
|-----------------------|------------|---------|----------|
| • Aluminium (initial) | 6 N/cm     | • Steel | 7 N/cm   |
|                       | 54.8 oz/in |         | 64 oz/in |

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



# tesa<sup>®</sup> 58331

## 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=58331>