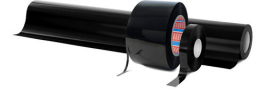




tesa® 58331

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 CO₂ 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 | 8.5 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>



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Product Information

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