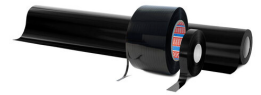




tesa[®] 58331

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 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 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 material | PET film | • Total thickness | 85 µm |
| • Type of adhesive | acrylic | • Colour 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

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