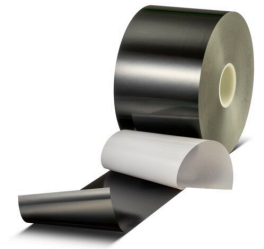




tesa[®] 58353

Product Information



85 µm s/s black PET electrical insulation tape with reworkable adhesive

Product Description

tesa[®] 58353 is a black 85 µm single sided PET tape specifically designed for wrapping and electrical insulation of battery cells and other components of electric vehicles.

Product Features

- Secure hold when folded around edges, no lifting
- Non-flammable acc. to FMVSS 302
- Clean of particles and fibers per VDA19
- Excellent protection against dielectric breakdown
- Very good reworkability
- Reliable processing through extra strong liner and backing

Application Fields

Wrapping & electrical insulation of battery cells 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 material | PETP | • Colour | black |
| • Type of adhesive | modified acrylic | • Colour of liner | white |
| • Type of liner | PE-coated paper | • Thickness of liner | 140 µm |
| • Total thickness | 85 µm | | |

Properties/Performance Values

- | | | | |
|-----------------------|---------|--------------------------------|--------|
| • Elongation at break | 80 % | • Dielectric breakdown voltage | 7000 V |
| • Tensile strength | 74 N/cm | | |

Adhesion to Values

- | | | | |
|-----------------------------|--------|-------------------------|--------|
| • Aluminium (initial) | 2 N/cm | • Steel (initial) | 6 N/cm |
| • Aluminium (after 14 days) | 5 N/cm | • Steel (after 14 days) | 6 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=58353>