



tesa® 58347

Product Information



110 µm PET tape for Electrical Insulation applications

Product Description

tesa® 58347 is a blue 110 µm PET sandwich tape with a water-based acrylic adhesive. tesa® 58347 has been designed for electrical insulation applications in EV batteries.

Product Features

- Dielectric breakdown and leakage current protection
- Anti-Repulsion performance
- Optimized for process automation and automated in-line detection
- Reworkability

Application Fields

- Cell-Wrapping
- Metal-Part Insulation

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 | 110 µm |
| • Type of adhesive | water-based acrylic | • Colour of liner | transparent |
| • Type of liner | PET film | • Thickness of liner | 23 µm |

Properties/Performance Values

- | | | | |
|-----------------------|---------|-----------------------|----------|
| • Elongation at break | 50 % | • CTI (adhesive side) | 600 V |
| • Tensile strength | 60 N/cm | • CTI (backing side) | 600 V |
| • Breakdown voltage | 9 KV | • Liner removal force | 10 cN/cm |

Adhesion to Values

- | | |
|---------|----------|
| • steel | 4.1 N/cm |
|---------|----------|



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Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=58347>