



tesa® 61023

Electrical Insulation

Product Information

75 µm PET tape for Electrical Insulation applications

Product Description

tesa® 61023 is a blue 75 µm PET tape with a water-based acrylic adhesive. tesa® 61023 PV2 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 | PET | • Total thickness | 75 µm |
| • Type of adhesive | water-based acrylic | | |

Properties/Performance Values

- | | | | |
|-----------------------|---------|-----------------------|----------|
| • Elongation at break | 80 % | • CTI (adhesive side) | 600 V |
| • Tensile strength | 50 N/cm | • CTI (backing side) | 400 V |
| • Breakdown voltage | 7 KV | • Liner removal force | 40 cN/cm |

Adhesion to Values

- | | |
|---------|--------|
| • Steel | 5 N/cm |
|---------|--------|



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Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=61023>