



# tesa<sup>®</sup> 61023

## Electrical Insulation

### Product Information

75 µm PET tape for Electrical Insulation applications

### Product Description

tesa<sup>®</sup> 61023 is a blue 75 µm PET tape with a water-based acrylic adhesive. tesa<sup>®</sup> 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>