



# tesa® 61003

## Product Information



56 µm PCR-PET tape for Electrical Insulation applications

### Product Description

tesa® 61003 PV1 is a 56 µm tawny PCR-PET tape with a water-based acrylic adhesive. tesa® 61003 PV1 was designed for electrical insulation applications.

### Sustainable Aspects

- 70% Post-Consumer Recycled (PCR) PET-backing
- Water-based technology
- No liner



For more information: <https://www.tesa.com/product-sustainability>

### Product Features

- Dielectric breakdown and leakage current protection
- Anti-Repulsion performance
- 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        | 56 µm                |
| • Bio-based carbon content of liner (acc. DIN EN 16640) | 70 %                | • Residual water content | 0.5 g/m <sup>2</sup> |
| • 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   | 6 KV    |                       |       |

For latest information on this product please visit <http://l.tesa.com/?ip=61003>



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### Adhesion to Values

- steel 3.2 N/cm

### Disclaimer

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