



tesa[®] 61002 PV1



Product Information

56 µm PCR-PET tape for Electrical Insulation applications

Product Description

tesa[®] 61002 PV1 is a 56 µm blue PCR-PET tape with a water-based acrylic adhesive. tesa[®] 61002 was designed for electrical insulation applications.

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 ² |
| • 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 | | |

Adhesion to Values

- | | |
|---------|----------|
| • steel | 3.2 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=61002>