

tesa® 58381

Product Information

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Product Description

The 25µm White PET filmic backing offers excellent electrical insulation property. The PET liner ensures it can be released without adhesive residue and friendly to converting process. It is equipped with FR modified acrylic to ensure the tape meet UL94 VTM-2 FR level.

Product Features

- Very good adhesion strength
- Certain flame retardancy level VTM2 according to UL94
- Excellent electrical insulation property
- Friendly to converting process
- Halogen-free

Application Fields

- Electrical insulation protection on metal parts with FR performance
- Encapsulation of fire protection material

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 | • Total thickness | 50 µm |
| • Type of adhesive | FR acrylic | • Colour of liner | transparent |
| • Type of liner | PET film | • Thickness of liner | 25 µm |

Product Assortment

- | | | | |
|--------------------|-------|--------------------|----------|
| • Available colors | white | • Available liners | PET film |
|--------------------|-------|--------------------|----------|

Properties/Performance Values

- | | | | |
|-----------------------|-----------|--------------------------------|--------|
| • Elongation at break | 111.5 % | • Dielectric breakdown voltage | 6000 V |
| • Tensile strength | 39.9 N/cm | | |

Adhesion to Values

- | | | | |
|-----------------------------|--------|------------------------|----------|
| • Aluminium (initial) | 5 N/cm | • ASTM (initial) | 5.6 N/cm |
| • Aluminium (after 14 days) | 6 N/cm | • ASTM (after 14 days) | 6.5 N/cm |

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