



tesa® 50565

Product Information



Strong 50µm aluminium tape with and without liner (PV1 and PV0)

Product Description

tesa® 50565 is a strong aluminium tape, based on a 50µm aluminium foil and an acrylic adhesive. It is mainly used in the appliance industry and also for a wide range of other applications. The production version PV1 comes with paper liner.

Product Features

- Moisture resistant and vapor barrier
- Thermally conductive and ageing-resistant product design
- Available without liner (PV0) and with liner (PV1)
- Flame retardant (according to UL510A)

Application Fields

- Mounting of cooling coils in refrigerator production
- Sealing of ducts or joints of insulation material
- Masking, protecting, repairing, closing

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 | aluminium foil | • Color of liner | white |
| • Type of adhesive | acrylic | • Thickness of liner | 65 µm |
| • Type of liner | paper | • Thickness of tape | _NULL µm |
| • Total thickness | 90 µm | | |

Properties/Performance Values

- | | | | |
|-------------------------------|------------|-------------------------------|-----------|
| • Elongation at break | 8 % | • Operation temperature from | -40 °C |
| • Tensile strength | 35 N/cm | • Operation temperature up to | 160 °C |
| • Abrasion resistance | good | • Suitable for die cutting | yes |
| • Backing appearance (visual) | reflective | • Temperature resistance min. | -40 °C |
| • Hand tearability | good | • Water resistance | very good |

Adhesion to Values

- | | |
|---------|--------|
| • Steel | 6 N/cm |
|---------|--------|



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Additional Information

Both product versions, with liner (PV1) and without liner (PV0), are certified flame retardant by UL under category OANZ2 file E332429

Disclaimer

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