



# 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. tesa® 50565 is mainly used in the appliance industry but also for a wide range of other applications.

Features:

- good adhesion
- mechanical resistance
- moisture resistant
- vapour tight
- high thermal conductivity
- oil & acid resistant
- ageing resistant
- available without liner (PV0) and with liner (PV1)
- flame retardant (UL510)

### 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 refrigeration coils
- General purpose temperature insulation
- Sealing of ducts
- 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 material | aluminium foil | • Colour 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          |                      |          |

For latest information on this product please visit <http://l.tesa.com/?ip=50565>



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## Product Information

### 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

### Additional Information

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

## Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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