

# 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 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          |                      |          |

### Properties/Performance Values

- |                               |            |                               |        |
|-------------------------------|------------|-------------------------------|--------|
| • Elongation at break         | 8 %        | • Hand tearability            | good   |
| • Tensile strength            | 35 N/cm    | • Operation temperature from  | -40 °C |
| • Backing appearance (visual) | reflective | • Operation temperature up to | 160 °C |

### Adhesion to Values

- |         |        |
|---------|--------|
| • steel | 6 N/cm |
|---------|--------|

# tesa<sup>®</sup> 50565

## Product Information

### Certificates

#### Certified according to

- UL 510

### Additional Information

Both product versions, with liner (PV 1) and without liner (PV0), are certified flame retardant by UL under category OARC2 file E551647.

### 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.



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