



# tesa<sup>®</sup> 50565

## Product Information



Strong 50µm/2 mils aluminium tape with and without liner (PV1 and PV0)

### Product Description

tesa<sup>®</sup> 50565 is a strong aluminium tape, based on a 50µm/2 mils aluminium foil and an acrylic adhesive. tesa<sup>®</sup> 50565 is mainly used in the appliance industry and 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 ...and a lot more!

### 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          | aluminum foil | • Color of liner     | white    |
| • Type of adhesive | acrylic       | • Thickness of liner | 65 µm    |
| • Type of liner    | paper         | • Thickness of tape  | 2.6 mils |
| • Total thickness  | 90 µm         |                      | _NULL µm |
|                    | 3.5 mils      |                      |          |

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



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### Properties/Performance Values

- |                               |            |                               |           |
|-------------------------------|------------|-------------------------------|-----------|
| • Elongation at break         | 8 %        | • Operation temperature from  | -40 °C    |
| • Tensile strength            | 35 N/cm    |                               | -40 °F    |
|                               | 20 lbs/in  | • Operation temperature up to | 160 °C    |
| • Abrasion resistance         | good       |                               | 320 °F    |
| • Backing appearance (visual) | reflective | • Suitable for die cutting    | yes       |
| • Hand tearability            | good       | • Temperature resistance min. | -40 °C    |
|                               |            |                               | -40 °F    |
|                               |            | • Water resistance            | very good |

### Adhesion to Values

- |         |            |
|---------|------------|
| • Steel | 6 N/cm     |
|         | 54.8 oz/in |

### 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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