



# tesa® 60652

## Product Information



Universal aluminum tape with paper liner - 50µ foil

### Product Description

tesa® 60652 is an aluminum tape based on a 50 µm (2 mil) aluminum foil, a transparent acrylic adhesive and a white, single-sided siliconized, 85µm thick paper liner

Features:

- Mechanical stable and conformable
- Easily removable liner
- Suitable for permanent applications
- Barrier against moisture, gases and vapors
- Electrically and thermally conductive
- Aging resistant
- Heat and light reflective
- Flame retardant according to DIN 4102, class B1
- Flame retardant according to the requirements in UL510A
- Meets requirements of UL723

### Product Features

- Mechanical stable and conformable
- \* Easily removable liner
- \* Suitable for permanent applications
- \* Barrier against moisture, gases and vapors
- \* Electrically and thermally conductive
- \* Aging resistant
- \* Heat and light reflective
- \* Flame retardant according to DIN 4102, class B1
- \* Flame retardant according to the requirements in UL510A
- \* Meets requirements of UL723

### Application Fields

- Mounting of refrigerator coils in appliance industry
- Joining and sealing of thermal insulation, ducts and pipes
- To make substrates electrically and thermally conductive

For latest information on this product please visit <http://l.tesa.com/?ip=60652>



# tesa® 60652

## Product Information

### Application Fields

- To reflect heat radiation

### 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 | • Total thickness    | 90 µm |
| • Type of adhesive | acrylic        | • Colour of liner    | white |
| • Type of liner    | paper          | • Thickness of liner | 85 µm |

### Properties/Performance Values

- |                               |            |                               |           |
|-------------------------------|------------|-------------------------------|-----------|
| • Elongation at break         | 6 %        | • Hand tearability            | very good |
| • Tensile strength            | 40 N/cm    | • Liner release force         | 0.3 N/cm  |
| • Backing appearance (visual) | reflective | • Operation temperature from  | -40 °C    |
| • Easy to remove              | no         | • Operation temperature up to | +160 °C   |

### Adhesion to Values

- |                   |          |                 |        |
|-------------------|----------|-----------------|--------|
| • Backing         | 9 N/cm   | • PVC (initial) | 6 N/cm |
| • Glass (initial) | 9 N/cm   | • steel         | 9 N/cm |
| • PE (initial)    | 4.5 N/cm |                 |        |



# tesa® 60652

## Product Information

### Additional Information

The total thickness given in the section "Technical Data" describes the thickness of the tape without liner. The thickness with liner is 175 µm (6.9 mil).

### Disclaimer

tesa® 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® 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=60652>