



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, clas B1
- Flame retardant according to the requirements in UL510A
- Meets requirements of UL723

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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>



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

Properties/Performance Values

- | | | | |
|-------------------------------|------------|-------------------------------|-----------|
| • Elongation at break | 6 % | • Operation temperature from | -40 °C |
| • Tensile strength | 40 N/cm | • Operation temperature up to | +160 °C |
| • Abrasion resistance | good | • Release of liner | easy |
| • Backing appearance (visual) | reflective | • Suitable for die cutting | yes |
| • Easy to remove | no | • Temperature resistance min. | -40 °C |
| • Hand tearability | very good | • Water resistance | very good |
| • Liner release force | 0.3 N/cm | | |

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 | | |



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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).

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