



tesa® 60672

Product Information



Robust aluminum tape

Product Description

tesa® 60672 is a robust aluminum tape based on a 75 µm (3 mil) aluminum foil, a transparent acrylic adhesive and a white, single-sided siliconized, 85µm thick paper liner.

Features:

- Mechanical stable
- 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 UL 510A
- Meets requirements of UL723

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Application Fields

- Repairs on trucks and trailers
- Joining and sealing of thermal insulation, ducts and pipes
- To make substrates electrically and thermally conductive
- To reflect heat radiation



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Product Information

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 | aluminium foil | • Color of liner | white |
| • Type of adhesive | acrylic | • Thickness of liner | 85 µm |
| • Type of liner | paper | • Thickness of tape | _NULL µm |
| • Total thickness | 125 µm | | |

Properties/Performance Values

| | | | |
|-----------------------|-----------|-------------------------------|-----------|
| • Elongation at break | 8 % | • Operation temperature from | -40 °C |
| • Tensile strength | 60 N/cm | • Operation temperature up to | 160 °C |
| • Abrasion resistance | very good | • 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) | 7 N/cm |
| • Glass (initial) | 10 N/cm | • Steel | 10 N/cm |
| • PE (initial) | 5.5 N/cm | | |

Additional Information

The total thickness given in the section "Technical Data" describes the thickness of the tape without liner. The thickness with liner is 210 µm (8.3 mil).

Disclaimer

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