



# tesa<sup>®</sup> 60652

## Product Information



Universal aluminum tape with paper liner - 50µm foil

## Product Description

tesa<sup>®</sup> 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.

## 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, clas 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
- 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          | aluminium foil | • Total thickness    | 90 µm |
| • Type of adhesive | acrylic        | • Color of liner     | white |
| • Type of liner    | paper          | • Thickness of liner | 85 µm |



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### 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		

### 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

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