



# tesa<sup>®</sup> 60670

## Product Information



### Robust aluminum tape

### Product Description

tesa<sup>®</sup> 60670 is a robust aluminum tape based on a 75 µm (3 mil) aluminum foil and a transparent acrylic adhesive.

#### Features:

- \* Mechanical stable
- \* Easy to unwind
- \* 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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For latest information on this product please visit <http://l.tesa.com/?ip=60670>



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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

### 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   | 125 µm   |
| • Type of adhesive | acrylic        | • Thickness of tape | _NULL µm |
| • Type of liner    | none           |                     |          |

### 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    | no        |
| • Backing appearance (visual) | reflective | • Temperature resistance min. | -40 °C    |
| • Easy to remove              | no         | • Water resistance            | very good |
| • Hand tearability            | very good  |                               |           |

### Adhesion to Values

- |                   |          |                 |         |
|-------------------|----------|-----------------|---------|
| • Glass (initial) | 10 N/cm  | • PVC (initial) | 7 N/cm  |
| • PE (initial)    | 5.5 N/cm | • Steel         | 10 N/cm |



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