



tesa[®] 60670

Product Information



Robust aluminum tape - 75µ foil

Product Description

tesa[®] 60670 is a robust aluminum tape based on a 75 µm (3 mil) aluminum foil and a transparent acrylic adhesive.

Product 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

Applications

- 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.

Applications

- | | | | |
|--------------------|----------------|---------------------|----------|
| • Backing | aluminium foil | • Total thickness | 125 µm |
| • Type of adhesive | acrylic | • Thickness of tape | _NULL µm |
| • Type of liner | none | | |

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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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