



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.

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, class 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



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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

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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