



tesa[®] 60632

Product Information



Conformable aluminum tape with paper liner - 30µm foil

Product Description

tesa[®] 60632 is a conformable aluminum tape based on a 30 µm (1.2 mil) aluminum foil, a transparent acrylic adhesive and a white, single-sided siliconized, 85µm thick paper liner.

Product Features

- Conformable to curved surfaces
- 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

Application Fields

- Mounting of refrigerator coils in appliance industry
- Joining and sealing of thermal insulation and ducts
- 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	• Color of liner	white
• Type of adhesive	acrylic	• Thickness of liner	85 µm
• Type of liner	paper	• Thickness of tape	_NULL µm
• Total thickness	65 µm		



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Properties/Performance Values

• Elongation at break	3 %	• Operation temperature from	-40 °C
• Tensile strength	25 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	7 N/cm	• PVC (initial)	5.5 N/cm
• Glass (initial)	8 N/cm	• Steel	8 N/cm
• PE (initial)	4 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 150 µm (5.9 mil).

Disclaimer

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