

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		

Properties/Performance Values

• Elongation at break	3 %	• Hand tearability	very good
• Tensile strength	25 N/cm	• Liner release force	0.3 N/cm
• Backing appearance (visual)	reflective	• Operation temperature from	-40 °C
• Easy to remove	no	• Operation temperature up to	160 °C

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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		

Certificates

Certified according to

DIN 4102 B1 and UL 510A

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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