



tesa® 60630

Product Information



Conformable aluminum tape - 30µm foil

Product Description

tesa® 60630 is a conformable aluminum tape based on a 30 µm (1.2 mil) aluminum foil, a transparent acrylic adhesive.

Product Features

- Conformable to curved surfaces
- 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

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 | • Total thickness | 65 µm |
| • Type of adhesive | acrylic | • Thickness of tape | _NULL µm |
| • Type of liner | none | | |

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 | • 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 | | |

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Adhesion to Values

• Backing	0.1 N/cm	• PVC (initial)	5.5 N/cm
• Glass (initial)	7 N/cm	• Steel	8 N/cm
• PE (initial)	4 N/cm		

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