

tesa® 60650

Product Information



Universal aluminum tape - 50µm foil

Product Description

tesa® 60650 is a universal aluminum tape based on a 50 µm (2 mil) aluminum foil and a transparent acrylic adhesive.

Product Features

- Mechanical stable and conformable
- 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, 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.

Product Construction

- | | | | |
|--------------------|----------------|-------------------|-------|
| • Backing | aluminium foil | • Type of liner | none |
| • Type of adhesive | acrylic | • Total thickness | 90 µm |

Properties/Performance Values

- | | | | |
|-------------------------------|------------|-------------------------------|-----------|
| • Elongation at break | 6 % | • Hand tearability | very good |
| • Tensile strength | 40 N/cm | • Operation temperature from | -40 °C |
| • Backing appearance (visual) | reflective | • Operation temperature up to | 160 °C |
| • Easy to remove | no | | |

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Adhesion to Values

• Backing	0.5 N/cm	• PVC (initial)	6 N/cm
• Glass (initial)	9 N/cm	• Steel	9 N/cm
• PE (initial)	4.5 N/cm		

Certificates

Certified according to

DIN 4102 B1 and UL 510A

Disclaimer

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