



tesa® 60650

Product Information



Universal aluminum tape - 50µ foil

Product Description

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

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

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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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Product Information

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 material	aluminium foil	• Type of liner	none
• Type of adhesive	acrylic	• Total thickness	90 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	• 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		

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		

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