



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.

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 |

For latest information on this product please visit <http://l.tesa.com/?ip=60650>



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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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