



tesa[®] 60650

Product Information



Universal aluminum tape

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



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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

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 % | • 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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