

tesa® 60650

product information



Universal aluminum tape - 50µ foil

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

Main Application

- 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.

Technical Data

• Backing material	aluminium foil	• Tensile strength	40 N/cm
• Total thickness	90 µm	• Temperature resistance min.	-40 °C
• Type of adhesive	acrylic	• Temperature resistance max.	160 °C
• Elongation at break	6 %	• Surface finish	reflective

Adhesion to

• steel	9.0 N/cm 82.2 oz/in	• PE (initial)	4.5 N/cm 41.1 oz/in
• Glass (initial)	9.0 N/cm 82.2 oz/in	• PVC (initial)	6.0 N/cm 54.8 oz/in

Properties

• Hand tearability	●●●●	• Abrasion resistance	●●●●
• Suitable for die cutting	No	• Water resistance	●●●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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Disclaimer

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