

tesa® 60652



product information

Universal aluminum tape with paper liner - 50µ foil

tesa® 60652 is an aluminum tape based on a 50 µm (2 mil) aluminum foil, a transparent acrylic adhesive and a white, single-sided siliconized, 85µm thick paper liner

Features:

- Mechanical stable and conformable
- Easily removable liner
- 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 UL510A
- Meets requirements of UL723

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	• Thickness of liner	85 µm
• Total thickness	90 µm	• Release of liner	easy
• Type of adhesive	acrylic	• Temperature resistance min.	-40 °C
• Elongation at break	6 %	• Temperature resistance max.	160 °C
• Tensile strength	40 N/cm	• Surface finish	reflective

Adhesion to

• steel	9.0 N/cm	• PE (initial)	4.5 N/cm
• Glass (initial)	9.0 N/cm	• PVC (initial)	6.0 N/cm

Properties

• Hand tearability	●●●●	• Abrasion resistance	●●●
• Suitable for die cutting	Yes	• Water resistance	●●●●

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

Additional Information

The total thickness given in the section "Technical Data" describes the thickness of the tape without liner. The thickness with liner is 175 µm (6.9 mil).

For latest information on this product please visit
<http://l.tesa.com/?ip=60652>

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