

tesa® 60652

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 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
▪ Adhesion to steel	9 N/cm	▪ Temperature resistance max.	160 °C
▪ Elongation at break	6 %	▪ Surface finish	reflective
▪ Tensile strength	40 N/cm		

Adhesion to

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

Properties

▪ Hand tearability	●●●●	▪ Abrasion resistance	●●●
▪ Suitable for die cutting	yes	▪ Water resistance	●●●●

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

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

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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).

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