

tesa® 60650

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

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	▪ Tensile strength	40 N/cm
▪ Total thickness	90 µm	▪ Temperature resistance min.	-40 °C
▪ Type of adhesive	acrylic	▪ Temperature resistance max.	160 °C
▪ Adhesion to steel	9 N/cm	▪ Surface finish	reflective
▪ Elongation at break	6 %		

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	no	▪ 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=60650>

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