

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
- 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 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>

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. The user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.