



tesa® 50577

Product Information



All Black Aluminum

Product Description

tesa® 50577 is a strong aluminum tape, based on a black 50µm aluminum foil and a black acrylic adhesive. tesa® 50577 is mainly used in the arts and entertainment industry and in appliance industry as well a wide range of other applications.

Product Features

- Perfect matt surface and a black adhesive
- Easy to remove without residues
- High temperature resistance
- Mechanical resistance
- Moisture resistant
- Vapour tight
- Ageing-resistant

Application Fields

- Bonding of coils for heaters, air conditioning systems
- Preventing light escaping from floor cans
- Fixation of forming of barndoors
- High temperatures applications when a removability afterwards is needed
- Invisible repairs with a matt black surface

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- | | | | |
|--------------------|----------------|----------------------|----------|
| • Backing | aluminium foil | • Color of liner | white |
| • Type of adhesive | acrylic | • Thickness of liner | 65 µm |
| • Type of liner | paper | • Thickness of tape | _NULL µm |
| • Total thickness | 85 µm | | |



tesa[®] 50577

Product Information

Properties/Performance Values

• Elongation at break	5 %	• Operation temperature up to	160 °C
• Tensile strength	40 N/cm	• Straight tear edge	medium
• Abrasion resistance	good	• Suitable for die cutting	yes
• Backing appearance (visual)	matt	• Temperature resistance (30 min)	160 °C
• Hand tearability	very good	• Temperature resistance min.	-40 °C
• Liner release force	0.2 N/cm	• Water resistance	very good
• Operation temperature from	-40 °C		

Adhesion to Values

• Backing	5 N/cm	• Steel	5 N/cm
-----------	--------	---------	--------

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, 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.



For latest information on this product please visit <http://l.tesa.com/?ip=50577>