

Product Information

All Black Aluminum

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.

Features:

- perfect matt surface and a black adhesive
- good adhesion
- easy to remove without residues
- high temperature resistance
- mechanical resistance
- moisture resistant
- vapour tight
- oil & acid resistant
- ageing-resistant
- available with liner (PV1)

Main Application

- 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.

Technical Data

• Backing material	aluminium foil	• Temperature resistance min.	-40 °C
• Total thickness	85 µm	• Temperature resistance max.	160 °C
• Type of adhesive	acrylic	• Temperature resistance (30 min)	160 °C
• Elongation at break	5 %	• Surface finish	matt
• Tensile strength	40 N/cm		

Adhesion to

- steel 5.0 N/cm

Properties

• Hand tearability	●●●●	• Suitable for die cutting	Yes
• Straight tear edges	●●	• Abrasion resistance	●●●●
• Easy to remove	Yes	• Water resistance	●●●●

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

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Disclaimer

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