



tesa® 50577

Product Information



All Black Aluminium

Product Description

tesa® 50577 is a strong aluminium tape, based on a black 50µm aluminium 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)

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 | | |



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Properties/Performance Values

- | | | | |
|-------------------------------|-----------|-------------------------------|----------|
| • Elongation at break | 5 % | • Liner release force | 0.2 N/cm |
| • Tensile strength | 40 N/cm | • Operation temperature from | -40 °C |
| • Backing appearance (visual) | matt | • Operation temperature up to | 160 °C |
| • Hand tearability | very good | | |

Adhesion to Values

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

Disclaimer

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