

## tesa® 50577 All Black Aluminium

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)

### 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 Data

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

### 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

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

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