



tesa® 68832

Product Information

50µm double sided solid black filmic tape

Product Description

tesa® 68832 is a double-sided self-adhesive tape consisting of a solid black PET film backing and a tackified acrylic adhesive.

Product Features

- Thickness: 50µm
- Excellent light blocking properties
- High and reliable bonding strength
- Very good resistance to demanding environmental conditions
- Easy handling performance in converting processes

Application Fields

- LCD panel mounting on backlight unit of display module
- LED light bar fixing
- Light shielding and light blocking of key components

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 | PET film | • Total thickness | 50 µm |
| • Type of adhesive | tackified acrylic | • Color | black |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break | 60 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 12 N/cm | • Temperature resistance long term | 70 °C |
| • Ageing resistance (UV) | very good | • Temperature resistance short term | 130 °C |
| • Humidity resistance | very good | • Transmittance (380 - 780nm) < | 0.01 % |



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Adhesion to Values

• ABS (initial)	4.7 N/cm	• PE (after 14 days)	2.4 N/cm
• ABS (after 14 days)	6.2 N/cm	• PET (initial)	4.9 N/cm
• Glass (initial)	5.1 N/cm	• PET (after 14 days)	6 N/cm
• Glass (after 14 days)	5.7 N/cm	• Steel (initial)	4.7 N/cm
• PE (initial)	2.3 N/cm	• Steel (after 14 days)	6.1 N/cm

Additional Information

PV57: double sided PET liners (36µm easy-release inside / 50µm tight-release outside)

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