



# tesa<sup>®</sup> 68832

## Product Information

50µm double sided solid black filmic tape

### Product Description

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

Special 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

### 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 |

For latest information on this product please visit <http://l.tesa.com/?ip=68832>



# tesa<sup>®</sup> 68832

## Product Information

### Properties/Performance Values

• Elongation at break	60 %	• Static shear resistance at 23°C	good, medium
• 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 %

### 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)

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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=68832>