



# tesa® 68830

## Product Information

30µm double sided solid black filmic tape

### Product Description

tesa® 68830 is a double-sided self-adhesive tape consisting of a solid black PET film backing and a tackified acrylic adhesive.

### Product Features

- Thickness: 30µm
- 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 | 30 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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## Product Information

### Adhesion to Values

• ABS (initial)	4 N/cm	• PE (after 14 days)	2 N/cm
• ABS (after 14 days)	4.9 N/cm	• PET (initial)	4 N/cm
• Glass (initial)	4.2 N/cm	• PET (after 14 days)	4.5 N/cm
• Glass (after 14 days)	4.8 N/cm	• Steel (initial)	3.9 N/cm
• PE (initial)	1.7 N/cm	• Steel (after 14 days)	5.2 N/cm

### Additional Information

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

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=68830>