

Product Information

Double-sided self-adhesive tape

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

Special 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

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Main Application

- 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.

Technical Data

• Backing material	PET film	• Tensile strength	12 N/cm
• Color	black	• Temperature resistance short term	130 °C
• Total thickness	30 µm	• Temperature resistance long term	70 °C
• Type of adhesive	tackified acrylic	• Transmittance (380 - 780nm) <	0.01 %
• Elongation at break	60 %		

Adhesion to

• Steel (initial)	3.9 N/cm	• Steel (after 14 days)	5.2 N/cm
• ABS (initial)	4.0 N/cm	• ABS (after 14 days)	4.9 N/cm
• Steel (initial)	3.9 N/cm	• Glass (after 14 days)	4.8 N/cm
• Glass (initial)	4.2 N/cm	• PE (after 14 days)	2.0 N/cm
• PE (initial)	1.7 N/cm	• PET (after 14 days)	4.5 N/cm
• PET (initial)	4.0 N/cm		

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Product Information

Properties

- Temperature resistance short term 130 °C
- Temperature resistance long term 70 °C
- Ageing resistance (UV) ●●●●
- Humidity resistance ●●●●
- Static shear resistance at 23°C ●●●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

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

Disclaimer

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