



tesa[®] 7650

Product Information

50µm double sided solid black filmic tape

Product Description

tesa[®] 7650 is a double-sided self-adhesive tape consisting of a black PET film backing and a black tackified acrylic adhesive

Special features:

- Thickness: 50µm
- Very high bonding strength and shear resistance
- Good light shading properties
- Good handling performance in converting processes
- Excellent resistance to demanding environmental conditions

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Application Fields

- Mounting of LCD panel and backlight unit
- Light blocking in displays and mobile phone applications

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 | • Color | black |
| • Type of adhesive | tackified acrylic | • Color of liner | white with tesa logo |
| • Type of liner | glassine | • Thickness of liner | 71 µm |
| • Total thickness | 50 µm | | |



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Product Information

Properties/Performance Values

• Elongation at break	50 %	• Softener resistance	very good
• Tensile strength	20 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	very good	• Tack	medium
• Dielectric breakdown voltage	4000 V	• Temperature resistance short term	150 °C
• Humidity resistance	good	• Transmittance (380 - 780nm) <	0.6 %

Adhesion to Values

• ABS (initial)	5 N/cm	• PE (after 14 days)	4 N/cm
• ABS (after 14 days)	5 N/cm	• PET (initial)	4 N/cm
• Glass (initial)	5 N/cm	• PET (after 14 days)	5 N/cm
• Glass (after 14 days)	6 N/cm	• Steel (initial)	5 N/cm
• PE (initial)	2.8 N/cm	• Steel (after 14 days)	7 N/cm

Disclaimer

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