



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

Product 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

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 | | |

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 % |



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Product Information

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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