



# tesa<sup>®</sup> 7950

## Product Information

50 µm single sided matte black filmic tape

### Product Description

tesa<sup>®</sup> 7950 is a matt single sided self-adhesive tape consisting of an ultra-thin PET film backing and a black tackified acrylic adhesive

### Product Features

- Thickness: 50µm
- Very good light blocking performance
- Ultra matte black surface with a gloss level of 2.5 %
- Excellent anti-fingerprint performance
- Very good scratch resistance
- High peel strength and shear resistance
- Excellent repulsion resistance properties
- Excellent resistance to demanding environmental conditions

### Application Fields

- Fixation in LED light sources or Flat Panel displays
- Light shielding in consumer electronics parts

### 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 | acrylic  | • Color of liner     | transparent |
| • Type of liner    | PET      | • Thickness of liner | 50 µm       |

### Properties/Performance Values

- |                                |           |                                     |        |
|--------------------------------|-----------|-------------------------------------|--------|
| • Elongation at break          | 60 %      | • Optical density                   | 5.7    |
| • Tensile strength             | 36.7 N/cm | • Temperature resistance long term  | 60 °C  |
| • Dielectric breakdown voltage | 4500 V    | • Temperature resistance short term | 130 °C |



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### Adhesion to Values

• ABS (initial)	4 N/cm	• Glass (after 14 days)	4.7 N/cm
• ABS (after 14 days)	5 N/cm	• PC (initial)	3.8 N/cm
• Aluminium (initial)	4 N/cm	• PC (after 14 days)	5 N/cm
• Aluminium (after 14 days)	4.6 N/cm	• Steel (initial)	4 N/cm
• Glass (initial)	3.8 N/cm	• Steel (after 14 days)	4.6 N/cm

### Disclaimer

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