



# tesa<sup>®</sup> 7930

## Product Information

30 µm single sided matte black filmic tape

### Product Description

tesa<sup>®</sup> 7930 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: 30µm
- 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    | 30 µm       |
| • Type of adhesive | acrylic  | • Color of liner     | transparent |
| • Type of liner    | PET      | • Thickness of liner | 50 µm       |

### Properties/Performance Values

- |                                |         |                                     |        |
|--------------------------------|---------|-------------------------------------|--------|
| • Elongation at break          | 70 %    | • Optical density                   | 5.1    |
| • Tensile strength             | 20 N/cm | • Temperature resistance long term  | 60 °C  |
| • Dielectric breakdown voltage | 3500 V  | • Temperature resistance short term | 130 °C |



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### Adhesion to Values

|                             |          |                         |          |
|-----------------------------|----------|-------------------------|----------|
| • ABS (initial)             | 2.6 N/cm | • Glass (after 14 days) | 2.8 N/cm |
| • ABS (after 14 days)       | 3.2 N/cm | • PC (initial)          | 2.2 N/cm |
| • Aluminium (initial)       | 2.3 N/cm | • PC (after 14 days)    | 3 N/cm   |
| • Aluminium (after 14 days) | 3 N/cm   | • Steel (initial)       | 2.6 N/cm |
| • Glass (initial)           | 2 N/cm   | • Steel (after 14 days) | 3 N/cm   |

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=07930>