



# tesa® 7920

## Product Information

20µm single sided matte black filmic tape

### Product Description

tesa® 7920 is a matt single sided self-adhesive tape consisting of an ultra-thin PET film backing and a black tackified acrylic adhesive

Special features:

- Thickness: 20µm
- 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
- Graphite sheet covering, protection and fixation
- NFC antenna covering, protection and fixation

### 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    | 20 µm |
| • Type of adhesive | acrylic  | • Thickness of liner | 50 µm |
| • Type of liner    | PET      |                      |       |

### Properties/Performance Values

- |                                |          |                                     |        |
|--------------------------------|----------|-------------------------------------|--------|
| • Elongation at break          | 60 %     | • Optical density                   | 4      |
| • Tensile strength             | 8.7 N/cm | • Temperature resistance long term  | 60 °C  |
| • Dielectric breakdown voltage | 1500 V   | • Temperature resistance short term | 130 °C |



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### Adhesion to Values

• ABS (initial)	1.9 N/cm	• Glass (after 14 days)	2.3 N/cm
• ABS (after 14 days)	2.6 N/cm	• PC (initial)	2 N/cm
• Aluminium (initial)	1.9 N/cm	• PC (after 14 days)	2.8 N/cm
• Aluminium (after 14 days)	2.6 N/cm	• Steel (initial)	1.9 N/cm
• Glass (initial)	1.9 N/cm	• Steel (after 14 days)	2.5 N/cm

### Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit <http://l.tesa.com/?ip=07920>