



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

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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	• Color of liner	transparent
• Type of liner	PET	• Thickness of liner	50 µm

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



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Product Information

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 |

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

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