



tesa[®] 7920

Product Information

20 µm 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

Product Features

- Thickness: 20µm
- Very good light blocking performance
- Ultra matte black surface with a gloss level of 2.5 %
- Excellent anti-fingerprint performance
- High peel strength and shear resistance
- Very good scratch 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

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