



tesa[®] 7930

Product Information

30µm single sided matte black filmic tape

Product Description

tesa[®] 7930 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: 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 | • Thickness of liner | 50 µm |
| • Type of liner | PET | | |



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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 |

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>