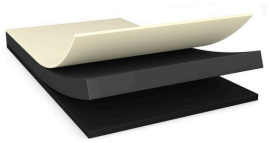
tesa® 7100

Product Information



100µm single sided solid black filmic tape

Product Description

tesa® 7100 is a solid black, single sided self-adhesive tape consisting of a black PET film backing and a black tackified acrylic adhesive

tesa® 7100 features esp.

- Thickness: 100µm
- Excellent light blocking performance
- Excellent peel strength and shear resistance
- Good repulsion resistance properties
- Excellent handling performance in converting processes
- Excellent resistance to demanding environmental conditions
- Pin whole free product design
- Very high electrical resistance

Application Fields

- Fixing of cables or constructive parts 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	100 µm
• Type of adhesive	acrylic	• Thickness of liner	70 µm
• Type of liner	glassine		

Properties/Performance Values

• Elongation at break	80 %	• Softener resistance	good
• Tensile strength	60 N/cm	• Static shear resistance at 40°C	very good
• Ageing resistance (UV)	very good	• Tack	good
• Dielectric breakdown voltage	7500 V	• Transmittance (380 - 780nm) <	0.005 %
• Humidity resistance	good		

For latest information on this product please visit http://l.tesa.com/?ip=7100

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Product Information

Adhesion to Values

- ABS (initial) 7.3 N/cm
- ABS (after 14 days) 7.9 N/cm
- Aluminium (initial) 6.7 N/cm
- Aluminium (after 14 days) 8.5 N/cm
- Glass (initial) 8.1 N/cm
- Glass (after 14 days) 9 N/cm
- PC (initial) 7.6 N/cm
- PC (after 14 days) 9.1 N/cm
- Steel (initial) 7.5 N/cm
- Steel (after 14 days) 9.5 N/cm

Additional Information

tesa® 7100 is certified according to UL-510

Disclaimer

tesa® 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® 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.

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