



# tesa<sup>®</sup> 7160

## Product Information

60µm single sided solid black filmic tape

### Product Description

tesa<sup>®</sup> 7160 is a solid black, single sided self-adhesive tape consisting of a black PET film backing and a black tackified acrylic adhesive

tesa<sup>®</sup> 7160 features esp.

- Thickness: 60µm
- Excellent light blocking performance
- Very high peel strength and shear resistance
- Very good repulsion resistance properties
- Very good handling performance in converting processes
- Excellent resistance to demanding environmental conditions
- Pin whole free product design
- Very high electrical resistance

### Product Features

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### 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    | 60 µm |
| • Type of adhesive | acrylic  | • Color of liner     | white |
| • Type of liner    | glassine | • Thickness of liner | 70 µm |

For latest information on this product please visit <http://l.tesa.com/?ip=07160>



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## Product Information

### Properties/Performance Values

• Elongation at break	80 %	• Static shear resistance at 40°C	very good
• Tensile strength	30 N/cm	• Tack	good
• Ageing resistance (UV)	very good	• Temperature resistance long term	100 °C
• Dielectric breakdown voltage	5000 V	• Temperature resistance short term	200 °C
• Humidity resistance	good	• Transmittance (380 - 780nm) <	0.005 %
• Softener resistance	good		

### Adhesion to Values

• ABS (initial)	5.7 N/cm	• Glass (after 14 days)	7 N/cm
• ABS (after 14 days)	6.4 N/cm	• PC (initial)	5.9 N/cm
• Aluminium (initial)	5.2 N/cm	• PC (after 14 days)	7 N/cm
• Aluminium (after 14 days)	6.6 N/cm	• Steel (initial)	5.9 N/cm
• Glass (initial)	6 N/cm	• Steel (after 14 days)	7.3 N/cm

### Additional Information

tesa<sup>®</sup> 7160 is certified according to UL-510

### Disclaimer

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