

# tesa® 51928

## Product Information



125µm double sided black filmic tape

### Product Description

tesa® 51928 is a double-sided self-adhesive tape consisting of a black PET backing and a modified acrylic adhesive.

### Product Features

- An excellent balance of good holding power and bonding performance
- Sufficient bond even to critical surfaces such as diverse foams and rubber materials and at elevated temperatures.
- High initial tack to immediately grab to the bonding surface

### Application Fields

- Mounting of batteries to battery packs in Electronic devices
- Mounting of ABS plastic parts in the automotive industry
- Mounting of decorative profiles and mouldings in the furniture industry

### 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 material	PET film	• Total thickness	125 µm
• Type of adhesive	tackified acrylic	• Colour	black

### Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	very good	• Tack	very good
• Chemical resistance	good	• Temperature resistance long term duration	100 °C
• Humidity resistance	very good	• Temperature resistance short term duration	200 °C
• Softener resistance	good		

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### Adhesion to Values

• ABS (initial)	8.2 N/cm	• PET (after 14 days)	8.7 N/cm
• ABS (after 14 days)	9.7 N/cm	• PP (initial)	4.8 N/cm
• Aluminium (initial)	8.1 N/cm	• PP (after 14 days)	6.4 N/cm
• Aluminium (after 14 days)	11.1 N/cm	• PS (initial)	8.8 N/cm
• PC (initial)	10.3 N/cm	• PS (after 14 days)	9.4 N/cm
• PC (after 14 days)	11.5 N/cm	• PVC (initial)	7.2 N/cm
• PE (initial)	4.9 N/cm	• PVC (after 14 days)	10.1 N/cm
• PE (after 14 days)	5.4 N/cm	• Steel (initial)	9.6 N/cm
• PET (initial)	7.4 N/cm	• Steel (after 14 days)	12 N/cm

### Additional Information

Liner variants:

PV0 brown glassine paper (71µm; 82g/m<sup>2</sup>)

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=51928>