



tesa® 51928

Product Information



Black double-sided allround filmic tape

Product Description

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

tesa® 51928 features:

- An excellent balance of good holding power and bonding performance
- Sufficient bonding, 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, acrylic, advanced acrylic, modified acrylic	• Color	4.9 mils black, beige

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm 11.4 lbs/in	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	very good	• Tack	very good
• Chemical resistance	good	• Temperature resistance long term	100 °C 212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C 392 °F
• Softener resistance	good		



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Adhesion to Values

• ABS (initial)	8.2 N/cm 74.9 oz/in	• PET (after 14 days)	8.7 N/cm 79.5 oz/in
• ABS (after 14 days)	9.7 N/cm 88.6 oz/in	• PP (initial)	4.8 N/cm 43.9 oz/in
• Aluminium (initial)	8.1 N/cm 74 oz/in	• PP (after 14 days)	6.4 N/cm 58.5 oz/in
• Aluminium (after 14 days)	11.1 N/cm 101.4 oz/in	• PS (initial)	8.8 N/cm 80.4 oz/in
• PC (initial)	10.3 N/cm 94.1 oz/in	• PS (after 14 days)	9.4 N/cm 85.9 oz/in
• PC (after 14 days)	11.5 N/cm 105.1 oz/in	• PVC (initial)	7.2 N/cm 65.8 oz/in
• PE (initial)	4.9 N/cm 44.8 oz/in	• PVC (after 14 days)	10.1 N/cm 92.3 oz/in
• PE (after 14 days)	5.4 N/cm 49.3 oz/in	• Steel (initial)	9.6 N/cm 87.7 oz/in
• PET (initial)	7.4 N/cm 67.6 oz/in	• Steel (after 14 days)	12 N/cm 109.6 oz/in

Additional Information

Liner variants:

PV0 brown glassine paper (71µm; 82g/m²)

Disclaimer

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