



tesa® 51928

Product Information

Black double-sided all-round 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 bond even to critical surfaces such as 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/m²)

Disclaimer

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