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

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, medium
Tensile strength	20 N/cm	Static shear resistance at 40°C	good, medium
Ageing resistance (UV)	very good	Tack	very good
Chemical resistance	good	Temperature resistance long term duration	100 °C
Humidity resistance	very good		
Softener resistance	good, medium	Temperature resistance short term duration	200 °C

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

tesa® 51928

Product Information

Adhesion to Values

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

Additional Information

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

Disclaimer

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