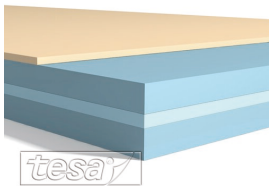
tesa® 4928

Product Information



125µm/4.9 mils double sided transparent filmic tape

Product Description

tesa® 4928 is a transparent double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive.

tesa® 4928 features especially:

- 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
Type of adhesive	tackified acrylic
Total thickness	125 µm 4.9 mils
Color	transparent

Properties/Performance Values

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

For latest information on this product please visit http://l.tesa.com/?ip=04928

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Product Information

Adhesion to Values

- ABS (initial) 8.2 N/cm 74.9 oz/in
- ABS (after 14 days) 9.7 N/cm 88.6 oz/in
- Aluminium (initial) 8.1 N/cm 74 oz/in
- Aluminium (after 14 days) 11.1 N/cm 101.4 oz/in
- PC (initial) 10.3 N/cm 94.1 oz/in
- PC (after 14 days) 11.5 N/cm 105.1 oz/in
- PE (initial) 4.9 N/cm 44.8 oz/in
- PE (after 14 days) 5.4 N/cm 49.3 oz/in
- PET (initial) 7.4 N/cm 67.6 oz/in
- PET (after 14 days) 8.7 N/cm 79.5 oz/in
- PP (initial) 4.8 N/cm 43.9 oz/in
- PP (after 14 days) 6.4 N/cm 58.5 oz/in
- PS (initial) 8.8 N/cm 80.4 oz/in
- PS (after 14 days) 9.4 N/cm 85.9 oz/in
- PVC (initial) 7.2 N/cm 65.8 oz/in
- PVC (after 14 days) 10.1 N/cm 92.3 oz/in
- Steel (initial) 11.2 N/cm 102.3 oz/in
- Steel (after 14 days) 12.8 N/cm 116.9 oz/in

Additional Information

Liner variants:
PV0 brown glassine paper (71µm; 82g/m^2)
PV6 red MOPP-film (80µm; 72g/m^2)

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

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