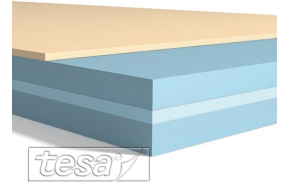




tesa® 4982

Product Information



Double-sided strong lamination filmic tape

Product Description

tesa® 4982 is a transparent double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive.

tesa® 4982 features:

- Excellent bonding strength/thickness ratio
- Good bonding strength to most common, smooth, even substrates
- Reliable adhesion in high temperature applications

Application Fields

- Mounting of backlight to LCD panel
- Mounting of LCD panel to metal frame
- Battery pack mounting

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 | 100 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |

Properties/Performance Values

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



tesa[®] 4982

Product Information

Adhesion to Values

• ABS (initial)	7.6 N/cm 69.4 oz/in	• PET (after 14 days)	8.4 N/cm 76.7 oz/in
• ABS (after 14 days)	9.6 N/cm 87.7 oz/in	• PP (initial)	4.4 N/cm 40.2 oz/in
• Aluminium (initial)	7.9 N/cm 72.2 oz/in	• PP (after 14 days)	6.2 N/cm 56.6 oz/in
• Aluminium (after 14 days)	10.6 N/cm 96.8 oz/in	• PS (initial)	8.3 N/cm 75.8 oz/in
• PC (initial)	9.2 N/cm 84.1 oz/in	• PS (after 14 days)	9.2 N/cm 84.1 oz/in
• PC (after 14 days)	11 N/cm 100.5 oz/in	• PVC (initial)	7 N/cm 64 oz/in
• PE (initial)	4.6 N/cm 42 oz/in	• PVC (after 14 days)	10 N/cm 91.4 oz/in
• PE (after 14 days)	5.1 N/cm 46.6 oz/in	• Steel (initial)	11 N/cm 100.5 oz/in
• PET (initial)	7 N/cm 64 oz/in	• Steel (after 14 days)	11.7 N/cm 106.9 oz/in

Additional Information

Liner variants:

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

PV6 red MOPP-film (80µm; 72g/m²)

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.

For latest information on this product please visit <http://l.tesa.com/?ip=04982>