



# 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 especially:

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

### Product Features

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

### 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 | • Colour          | transparent |

### Properties/Performance Values

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



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## Product Information

### Adhesion to Values

• ABS (initial)	7.6 N/cm	• PET (after 14 days)	8.4 N/cm
• ABS (after 14 days)	9.6 N/cm	• PP (initial)	4.4 N/cm
• Aluminium (initial)	7.9 N/cm	• PP (after 14 days)	6.2 N/cm
• Aluminium (after 14 days)	10.6 N/cm	• PS (initial)	8.3 N/cm
• PC (initial)	9.2 N/cm	• PS (after 14 days)	9.2 N/cm
• PC (after 14 days)	11 N/cm	• PVC (initial)	7 N/cm
• PE (initial)	4.6 N/cm	• PVC (after 14 days)	10 N/cm
• PE (after 14 days)	5.1 N/cm	• Steel (initial)	11 N/cm
• PET (initial)	7 N/cm	• Steel (after 14 days)	11.7 N/cm

### Additional Information

Liner variants:

PV0 brown glassine paper (71µm; 82g/m<sup>2</sup>)

PV6 red MOPP-film (80µm; 72g/m<sup>2</sup>)

### Disclaimer

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