



# tesa® 51967

## Product Information

Black double-sided extra strong filmic tape

### Product Description

tesa® 51967 is a double-sided self-adhesive tape consisting of a black PET backing and a modified acrylic adhesive.

tesa® 51967 features:

- Extremely high holding power even at elevated temperatures
- Superior converting performance due to strong PET backing and reduced adhesive mass flow
- Good bonding performance even to LSE materials

### Application Fields

- Mounting lenses to mobile phone housings
- 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          | PET film          | • Total thickness | 160 µm |
| • Type of adhesive | tackified acrylic | • Color           | 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   |
|                          | 11.4 lbs/in | • Tack                              | good   |
| • Ageing resistance (UV) | very good   | • Temperature resistance long term  | 100 °C |
| • Chemical Resistance    | good        |                                     | 212 °F |
| • Humidity resistance    | very good   | • Temperature resistance short term | 200 °C |
| • Softener resistance    | good        |                                     | 392 °F |



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### Adhesion to Values

• ABS (initial)	9.8 N/cm 89.5 oz/in	• PET (after 14 days)	10.5 N/cm 95.9 oz/in
• ABS (after 14 days)	10.8 N/cm 98.7 oz/in	• PP (initial)	5.3 N/cm 48.4 oz/in
• Aluminium (initial)	9.6 N/cm 87.7 oz/in	• PP (after 14 days)	7 N/cm 64 oz/in
• Aluminium (after 14 days)	12.2 N/cm 111.5 oz/in	• PS (initial)	10.2 N/cm 93.2 oz/in
• PC (initial)	11.7 N/cm 106.9 oz/in	• PS (after 14 days)	11.1 N/cm 101.4 oz/in
• PC (after 14 days)	13.1 N/cm 119.7 oz/in	• PVC (initial)	8.9 N/cm 81.3 oz/in
• PE (initial)	5.2 N/cm 47.5 oz/in	• PVC (after 14 days)	11.9 N/cm 108.7 oz/in
• PE (after 14 days)	5.7 N/cm 52.1 oz/in	• Steel (initial)	12 N/cm 109.6 oz/in
• PET (initial)	9.3 N/cm 85 oz/in	• Steel (after 14 days)	13.4 N/cm 122.4 oz/in

### Additional Information

Liner variants:

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

PV11 white PET-film (50µm; 72g/m<sup>2</sup>)

### 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=51967>