



# tesa<sup>®</sup> 51926

## Product Information

250µm double sided black filmic tape

### Product Description

tesa<sup>®</sup> 51926 is a black, double-sided self-adhesive tape consisting of a 50µm black PET film backing and a tackified acrylic adhesive.

### Product Features

- Thickness: 250µm
- High bonding strength and shear resistance
- Superior handling and processing performance due to very strong PET backing
- Very good dimensional stability
- Excellent resistance to demanding environmental conditions
- Black color for easy detection or decoration purposes

### Application Fields

- Lens mounting in mobile phones
- Antenna 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          | PET film          | • Color              | black               |
| • Type of adhesive | tackified acrylic | • Color of liner     | brown               |
| • Type of liner    | glassine          | • Thickness of liner | 71 µm               |
| • Total thickness  | 250 µm            | • Weight of liner    | 82 g/m <sup>2</sup> |

### Properties/Performance Values

- |                          |           |                                     |        |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break    | 60 %      | • Static shear resistance at 23°C   | good   |
| • Tensile strength       | 73 N/cm   | • Static shear resistance at 40°C   | good   |
| • Ageing resistance (UV) | very good | • Tack                              | good   |
| • Chemical Resistance    | good      | • Temperature resistance long term  | 100 °C |
| • Humidity resistance    | very good | • Temperature resistance short term | 200 °C |
| • Softener resistance    | good      |                                     |        |



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### Adhesion to Values

• ABS (initial)	11.8 N/cm	• PE (initial)	5.1 N/cm
• ABS (after 14 days)	14.1 N/cm	• PE (after 14 days)	7.5 N/cm
• PC (initial)	14.6 N/cm	• Steel (initial)	13.8 N/cm
• PC (after 14 days)	17 N/cm	• Steel (after 14 days)	16.2 N/cm

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=51926>