



tesa® 51926

Product Information

250µm double sided black filmic tape

Product Description

tesa® 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 ² |

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

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