



tesa[®] 51967

Product Information

160µm double sided black filmic tape

Product Description

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

Product 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 |
| • 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)	9.8 N/cm	• PET (after 14 days)	10.5 N/cm
• ABS (after 14 days)	10.8 N/cm	• PP (initial)	5.3 N/cm
• Aluminium (initial)	9.6 N/cm	• PP (after 14 days)	7 N/cm
• Aluminium (after 14 days)	12.2 N/cm	• PS (initial)	10.2 N/cm
• PC (initial)	11.7 N/cm	• PS (after 14 days)	11.1 N/cm
• PC (after 14 days)	13.1 N/cm	• PVC (initial)	8.9 N/cm
• PE (initial)	5.2 N/cm	• PVC (after 14 days)	11.9 N/cm
• PE (after 14 days)	5.7 N/cm	• Steel (initial)	12 N/cm
• PET (initial)	9.3 N/cm	• Steel (after 14 days)	13.4 N/cm

Disclaimer

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