



tesa® 68547

Product Information

100µm/3.9 mils double sided transparent filmic tape

Product Description

tesa® 68547 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68547 features especially

- Thickness: 100µm/3.9 mils
- High bonding strength
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

Application Fields

tesa® 68547 is used for general mounting and laminating applications especially in the electronics 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 | • Color | transparent |
| • Type of adhesive | tackified acrylic | • Color of liner | yellow |
| • Type of liner | glassine | • Thickness of liner | 71 µm |
| • Total thickness | 100 µm | | 2.8 mils |
| | 3.9 mils | • Weight of liner | 82 g/m ² |

Properties/Performance Values

- | | | | |
|--------------------------|-------------|-------------------------------------|--------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 20 N/cm | • Tack | good |
| | 11.4 lbs/in | • Temperature resistance long term | 80 °C |
| • Ageing resistance (UV) | very good | | 176 °F |
| • Humidity resistance | good | • Temperature resistance short term | 150 °C |
| • Softener resistance | good | | 302 °F |



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Adhesion to Values

• ABS (initial)	7.6 N/cm 69.4 oz/in	• PET (initial)	6.9 N/cm 63 oz/in
• ABS (after 14 days)	8.5 N/cm 77.7 oz/in	• PET (after 14 days)	8.5 N/cm 77.7 oz/in
• Aluminium (initial)	5.8 N/cm 53 oz/in	• PP (initial)	5.5 N/cm 50.2 oz/in
• Aluminium (after 14 days)	8.8 N/cm 80.4 oz/in	• PP (after 14 days)	7.1 N/cm 64.9 oz/in
• PC (initial)	9.9 N/cm 90.4 oz/in	• PVC (initial)	7.5 N/cm 68.5 oz/in
• PC (after 14 days)	12 N/cm 109.6 oz/in	• PVC (after 14 days)	11.8 N/cm 107.8 oz/in
• PE (initial)	4.3 N/cm 39.3 oz/in	• Steel (initial)	8.8 N/cm 80.4 oz/in
• PE (after 14 days)	4.7 N/cm 42.9 oz/in	• Steel (after 14 days)	10.7 N/cm 97.8 oz/in

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