



tesa® 68542

Product Information

50µm double sided transparent filmic tape

Product Description

tesa® 68542 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68542 features esp.

- Thickness: 50µm
- High adhesion level
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

Application Fields

tesa® 68542 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 | • Total thickness | 50 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | medium |
| • Tensile strength | 20 N/cm | • Tack | good |
| • Ageing resistance (UV) | very good | • Temperature resistance long term | 100 °C |
| • Humidity resistance | very good | • Temperature resistance short term | 200 °C |
| • Softener resistance | very good | | |



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Adhesion to Values

• ABS (initial)	5 N/cm	• PET (initial)	5.2 N/cm
• ABS (after 14 days)	6.1 N/cm	• PET (after 14 days)	5.8 N/cm
• Aluminium (initial)	5 N/cm	• PP (initial)	2 N/cm
• Aluminium (after 14 days)	6 N/cm	• PP (after 14 days)	5.3 N/cm
• PC (initial)	5.3 N/cm	• PVC (initial)	5.2 N/cm
• PC (after 14 days)	6.6 N/cm	• PVC (after 14 days)	7.9 N/cm
• PE (initial)	2 N/cm	• Steel (initial)	5 N/cm
• PE (after 14 days)	2.8 N/cm	• Steel (after 14 days)	7.2 N/cm

Additional Information

Liner variants:

PV20 brown/blue logo glassine paper (71µm; 82g/m²)

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=68542>