



tesa® 68542

Product Information

50µm double sided transparent filmic tape

Product Features

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

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

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

- | | | | |
|--------------------|-------------------|--------------------|-------------|
| • Type of adhesive | tackified acrylic | • Backing material | PET film |
| • Total thickness | 50 µm | • Color | transparent |

Product Properties/Performance Values

- | | | | |
|-----------------------|---------|-------------------------------------|--------|
| • Elongation at break | 50 % | • Temperature resistance long term | 100 °C |
| • Tensile strength | 20 N/cm | • Temperature resistance short term | 200 °C |

Adhesion to Values

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

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<http://l.tesa.com/?ip=68542>



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Product Information

Additional Information

Liner variants:

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

Disclaimer

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