



tesa® 68742

Product Information

50µm black d/s filmic tape

Product Description

tesa® 68742 is a black, double-sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

tesa® 68742 features:

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

Application Fields

tesa® 68742 is used for general mounting and laminating applications.

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 | | 2 mils |
| | | • Color | black |

Properties/Performance Values

- | | | | |
|--------------------------|-------------|-------------------------------------|--------|
| • Elongation at break | 50 % | • Static shear resistance at 23°C | medium |
| • Tensile strength | 20 N/cm | • Tack | good |
| | 11.4 lbs/in | • Temperature resistance long term | 100 °C |
| • Ageing resistance (UV) | very good | | 212 °F |
| • Humidity resistance | very good | • Temperature resistance short term | 200 °C |
| • Softener resistance | very good | | 392 °F |



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Adhesion to Values

• ABS (initial)	5 N/cm 45.7 oz/in	• PET (initial)	5.2 N/cm 47.5 oz/in
• ABS (after 14 days)	6.1 N/cm 55.7 oz/in	• PET (after 14 days)	5.8 N/cm 53 oz/in
• Aluminium (initial)	5 N/cm 45.7 oz/in	• PP (initial)	2 N/cm 18.3 oz/in
• Aluminium (after 14 days)	6 N/cm 54.8 oz/in	• PP (after 14 days)	5.3 N/cm 48.4 oz/in
• PC (initial)	5.3 N/cm 48.4 oz/in	• PVC (initial)	5.2 N/cm 47.5 oz/in
• PC (after 14 days)	6.6 N/cm 60.3 oz/in	• PVC (after 14 days)	7.9 N/cm 72.2 oz/in
• PE (initial)	2 N/cm 18.3 oz/in	• Steel (initial)	5 N/cm 45.7 oz/in
• PE (after 14 days)	2.8 N/cm 25.6 oz/in	• Steel (after 14 days)	7.2 N/cm 65.8 oz/in

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