



# tesa® 68742

## Product Information

50µm double sided black 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 esp.

- 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 | • Color           | black |

### 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 |                                     |        |

### 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 |

For latest information on this product please visit <http://l.tesa.com/?ip=68742>



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## Product Information

### Additional Information

Liner variants:

PV20 brown/blue logo glassine paper (71µm; 82g/m<sup>2</sup>)

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=68742>