



# 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.

### Product 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 | • 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>



# tesa® 68742

## Product Information

### Additional Information

Liner variants:

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

### Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

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