

# tesa® 68540



## Product Information

30µm double sided transparent filmic tape

tesa® 68540 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 68540 features esp.

- Thickness: 30µm
- Good adhesion level
- Excellent resistance to demanding environmental conditions
- Excellent handling performance in converting processes

### Main Application

- Lamination of cushioning materials to LCDs
- Fixing of reflection foil to LCD frame
- Splicing of thin plastic films

### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

#### Technical Data

- |                    |             |                    |                   |
|--------------------|-------------|--------------------|-------------------|
| • Backing material | PET film    | • Total thickness  | 30 µm             |
| • Color            | transparent | • Type of adhesive | tackified acrylic |

#### Adhesion to

- |                       |          |                             |          |
|-----------------------|----------|-----------------------------|----------|
| • Steel (initial)     | 5.6 N/cm | • Steel (after 14 days)     | 6.6 N/cm |
| • ABS (initial)       | 5.1 N/cm | • ABS (after 14 days)       | 7.1 N/cm |
| • Aluminium (initial) | 4.8 N/cm | • Aluminium (after 14 days) | 6.4 N/cm |
| • PC (initial)        | 6.4 N/cm | • PC (after 14 days)        | 7.7 N/cm |
| • PE (initial)        | 2.2 N/cm | • PE (after 14 days)        | 2.8 N/cm |
| • PET (initial)       | 4.8 N/cm | • PET (after 14 days)       | 5.6 N/cm |
| • PP (initial)        | 1.5 N/cm | • PP (after 14 days)        | 2.8 N/cm |
| • PS (initial)        | 4.1 N/cm | • PS (after 14 days)        | 6.2 N/cm |
| • PVC (initial)       | 4.6 N/cm | • PVC (after 14 days)       | 7.7 N/cm |

#### Properties

- |                                     |        |                                   |      |
|-------------------------------------|--------|-----------------------------------|------|
| • Temperature resistance short term | 200 °C | • Resistance to chemicals         | ●●●● |
| • Temperature resistance long term  | 100 °C | • Softener resistance             | ●●●● |
| • Tack                              | ●      | • Static shear resistance at 23°C | ●●●● |
| • Ageing resistance (UV)            | ●●●●   | • Static shear resistance at 40°C | ●●●● |
| • Humidity resistance               | ●●●●   |                                   |      |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

#### Additional Information

Liner variants:

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

For latest information on this product please visit  
<http://l.tesa.com/?ip=68540>

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## Product Information



### Disclaimer

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For latest information on this product please visit  
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