



# tesa<sup>®</sup> 68550

## Product Information

30µm d/s filmic tape with a thin, conformable PET backing

### Product Description

tesa<sup>®</sup> 68550 is a transparent, double-sided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

tesa<sup>®</sup> 68550 features:

- Thickness: 30 µm
- High adhesion level relative to low thickness
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

### Product Features

- Thickness: 30 µm
- High adhesion level relative to low thickness
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

### Application Fields

- Fixing of reflection film 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.

### Product Construction

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

### Properties/Performance Values

- |                          |                    |                                     |                  |
|--------------------------|--------------------|-------------------------------------|------------------|
| • Elongation at break    | 50 %               | • Static shear resistance at 23°C   | good             |
| • Tensile strength       | 7 N/cm<br>4 lbs/in | • Tack                              | medium           |
| • Ageing resistance (UV) | very good          | • Temperature resistance long term  | 100 °C<br>212 °F |
| • Humidity resistance    | very good          | • Temperature resistance short term | 200 °C<br>392 °F |

For latest information on this product please visit <http://l.tesa.com/?ip=68550>



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## Product Information

### Adhesion to Values

|                             |                        |                         |                        |
|-----------------------------|------------------------|-------------------------|------------------------|
| • ABS (initial)             | 5 N/cm<br>45.7 oz/in   | • PET (after 14 days)   | 6 N/cm<br>54.8 oz/in   |
| • ABS (after 14 days)       | 6 N/cm<br>54.8 oz/in   | • PP (initial)          | 2.5 N/cm<br>22.8 oz/in |
| • Aluminium (initial)       | 4.7 N/cm<br>42.9 oz/in | • PP (after 14 days)    | 4 N/cm<br>36.5 oz/in   |
| • Aluminium (after 14 days) | 7 N/cm<br>64 oz/in     | • PS (initial)          | 4.6 N/cm<br>42 oz/in   |
| • PC (initial)              | 6 N/cm<br>54.8 oz/in   | • PS (after 14 days)    | 6.4 N/cm<br>58.5 oz/in |
| • PC (after 14 days)        | 7.8 N/cm<br>71.3 oz/in | • PVC (initial)         | 5.1 N/cm<br>46.6 oz/in |
| • PE (initial)              | 2.6 N/cm<br>23.8 oz/in | • PVC (after 14 days)   | 8.6 N/cm<br>78.6 oz/in |
| • PE (after 14 days)        | 3 N/cm<br>27.4 oz/in   | • Steel (initial)       | 6 N/cm<br>54.8 oz/in   |
| • PET (initial)             | 4.8 N/cm<br>43.9 oz/in | • Steel (after 14 days) | 8.2 N/cm<br>74.9 oz/in |

### Additional Information

Liner variants:

PV40 white/red logo glassine paper (71µm; 82g/m<sup>2</sup>)

PV42 brown glassine paper (71µm; 82g/m<sup>2</sup>)

PV50 transparent PET liner (50µm; 72g/m<sup>2</sup>)

### Disclaimer

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