



# tesa® 68551

## Product Information

40µm double sided transparent filmic tape

### Product Description

tesa® 68551 is a transparent, doublesided self-adhesive tape consisting of a thin PET film backing and a tackified acrylic adhesive.

### Product Features

- Thickness: 40 µm
- High adhesion level
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

### Application Fields

- Mounting of metal or plastic badges and signs
- 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.

### Product Construction

- |                    |                   |                   |             |
|--------------------|-------------------|-------------------|-------------|
| • Backing          | PET film          | • Total thickness | 40 µm       |
| • Type of adhesive | tackified acrylic | • Color           | transparent |

### Properties/Performance Values

- |                                   |           |                                     |        |
|-----------------------------------|-----------|-------------------------------------|--------|
| • Elongation at break             | 50 %      | • Static shear resistance at 40°C   | medium |
| • Tensile strength                | 7 N/cm    | • Tack                              | medium |
| • Ageing resistance (UV)          | very good | • Temperature resistance long term  | 100 °C |
| • Humidity resistance             | very good | • Temperature resistance short term | 200 °C |
| • Static shear resistance at 23°C | good      |                                     |        |

### Adhesion to Values

- |                             |          |                         |          |
|-----------------------------|----------|-------------------------|----------|
| • ABS (initial)             | 6.8 N/cm | • PC (after 14 days)    | 9.4 N/cm |
| • ABS (after 14 days)       | 7.7 N/cm | • PET (initial)         | 6.2 N/cm |
| • Aluminium (initial)       | 6.5 N/cm | • PET (after 14 days)   | 6.8 N/cm |
| • Aluminium (after 14 days) | 7.6 N/cm | • Steel (initial)       | 7.7 N/cm |
| • PC (initial)              | 8 N/cm   | • Steel (after 14 days) | 8.8 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=68551>



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## Product Information

### Additional Information

Liner variants:

PV40 white/red logo glassine paper (71µm)

### Disclaimer

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