



# tesa® 68559

## Product Information

20µm double sided transparent conformable filmic tape

### Product Description

tesa 68559 is a transparent, double-sided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

tesa 68559 features esp.:

- Thickness: 20µm
- 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 | 20 µm       |
| • Type of adhesive | tackified acrylic | • Color           | transparent |

### Properties/Performance Values

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



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### Adhesion to Values

• ABS (initial)	4.5 N/cm	• PET (after 14 days)	5.6 N/cm
• ABS (after 14 days)	5.2 N/cm	• PP (initial)	1.7 N/cm
• Aluminium (initial)	4 N/cm	• PP (after 14 days)	2.8 N/cm
• Aluminium (after 14 days)	5.9 N/cm	• PS (initial)	3.6 N/cm
• PC (initial)	5.2 N/cm	• PS (after 14 days)	5.2 N/cm
• PC (after 14 days)	6 N/cm	• PVC (initial)	3.7 N/cm
• PE (initial)	1.7 N/cm	• PVC (after 14 days)	6.7 N/cm
• PE (after 14 days)	2.4 N/cm	• Steel (initial)	5.2 N/cm
• PET (initial)	4.1 N/cm	• Steel (after 14 days)	6.8 N/cm

### Additional Information

Liner variants:

PV40 white/red 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=68559>