



# tesa® 68585

## Product Information

80µm double sided transparent differential filmic tape

### Product Description

tesa® 68585 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

The coating weight of the open side is higher than the coating weight of the covered side.

### Product Features

- Thickness: 80µm
- High adhesion level on the open side, low adhesion level on the covered side
- Excellent resistance to demanding environmental conditions
- Very good handling performance in converting processes

### Application Fields

- Mounting of two different substrates, where one is easy and the other difficult to adhere to
- Mounting of speaker mesh and metal housing
- Mounting of metal or plastic badges and signs

### 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 | 80 µm       |
| • Type of adhesive | tackified acrylic | • Color           | transparent |

### 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 |



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## Product Information

### Adhesion to Values

• ABS (initial)	7.4 N/cm	• PE (covered side, after 14 days)	3.5 N/cm
• ABS (after 14 days)	9.2 N/cm	• PE (covered side, initial)	3.4 N/cm
• ABS (covered side, after 14 days)	6.9 N/cm	• PET (initial)	7.2 N/cm
• ABS (covered side, initial)	5.6 N/cm	• PET (after 14 days)	7.8 N/cm
• PC (initial)	9.1 N/cm	• PET (covered side, after 14 days)	5.7 N/cm
• PC (after 14 days)	11 N/cm	• PET (covered side, initial)	5.2 N/cm
• PC (covered side, after 14 days)	8.8 N/cm	• Steel (initial)	9.5 N/cm
• PC (covered side, initial)	7.2 N/cm	• Steel (after 14 days)	10.8 N/cm
• PE (initial)	4.2 N/cm	• Steel (covered side, after 14 days)	8 N/cm
• PE (after 14 days)	5.8 N/cm	• Steel (covered side, initial)	6.6 N/cm

### Additional Information

Liner variants:

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

### Disclaimer

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