



tesa® 68583

Product Information

64µm double sided transparent differential filmic tape

Product Features

- Thickness: 64µm
- Asymmetric design
- Higher adhesion level on the outside, lower adhesion level on the inside
- Excellent resistance to demanding environmental conditions
- Excellent handling performance in converting processes

tesa® 68583 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive. The coating weight of the outside is higher than the coating weight of the inside.

Application Fields

- Mounting of two different substrates, where one is easy and the other is difficult to adhere to
- Mounting of components and assembly of electronics devices

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

- | | | | |
|--------------------|-------------------|--------------------|-------------|
| • Type of adhesive | tackified acrylic | • Backing material | PET film |
| • Total thickness | 64 µm | • Color | transparent |

Product Properties/Performance Values

- | | | | |
|-----------------------|---------|-------------------------------------|--------|
| • Elongation at break | 50 % | • Temperature resistance long term | 100 °C |
| • Tensile strength | 20 N/cm | • Temperature resistance short term | 200 °C |



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Product Information

Adhesion to Values

• PC (covered side, initial)	6.2 N/cm	• PC (initial)	4.3 N/cm
• Steel (initial)	5.7 N/cm	• PE (covered side, initial)	3.1 N/cm
• PE (initial)	2.3 N/cm	• Steel (covered side, after 14 days)	10.6 N/cm
• PC (after 14 days)	5 N/cm	• PE (after 14 days)	2.5 N/cm
• PMMA (after 14 days)	4.7 N/cm	• ABS (covered side, initial)	5.4 N/cm
• PE (covered side, after 14 days)	3.2 N/cm	• PMMA (initial)	4.3 N/cm
• ABS (initial)	4 N/cm	• PC (covered side, after 14 days)	6.7 N/cm
• ABS (after 14 days)	4.7 N/cm	• Steel (after 14 days)	6.6 N/cm
• ABS (covered side, after 14 days)	6.4 N/cm	• Steel (covered side, initial)	7.7 N/cm

Additional Information

- double sided PET liners (36µm easy-release inside / 50µm tight-release outside)
- inside=open side, outside=covered side

Disclaimer

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