



# tesa® 68582

## Product Information

50µm double sided transparent differential filmic tape

### Product Description

tesa® 68582 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.

tesa® 68582 features esp.

- Thickness: 50µm
- 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 sub-strates, where one is easy to adhere and the other one is difficult to adhere
- Mounting of protection films that will be removed after transportation or storage

### 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	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	white/blue logo
• Type of liner	PE-coated paper	• Thickness of liner	122 µm
• Total thickness	50 µm	• Weight of liner	120 g/m <sup>2</sup>

### Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	20 N/cm	• Static shear resistance at 40°C	medium
• Ageing resistance (UV)	very good	• Tack	medium
• Chemical Resistance	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)	6.5 N/cm	• PE (covered side, after 14 days)	2.6 N/cm
• ABS (after 14 days)	7.9 N/cm	• PE (covered side, initial)	1.6 N/cm
• ABS (covered side, after 14 days)	6.6 N/cm	• PET (initial)	6.5 N/cm
• ABS (covered side, initial)	4.2 N/cm	• PET (after 14 days)	7 N/cm
• PC (initial)	8.2 N/cm	• PET (covered side, after 14 days)	5.6 N/cm
• PC (after 14 days)	9.7 N/cm	• PET (covered side, initial)	4.4 N/cm
• PC (covered side, after 14 days)	7.2 N/cm	• Steel (initial)	8 N/cm
• PC (covered side, initial)	5.4 N/cm	• Steel (after 14 days)	9.2 N/cm
• PE (initial)	3.6 N/cm	• Steel (covered side, after 14 days)	7.5 N/cm
• PE (after 14 days)	4.7 N/cm	• Steel (covered side, initial)	5 N/cm

### Disclaimer

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