



tesa® 68582

Product Information

50µm d/s filmic tape with different adhesion levels

Product Description

tesa® 68582 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

The open side is more heavily coated than the covered side.

tesa® 68582 features:

- 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		4.8 mils
	2 mils	• Weight of liner	120 g/m ²

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
	11.4 lbs/in	• Tack	medium
• Ageing resistance (UV)	very good	• Temperature resistance long term	100 °C
• Chemical Resistance	very good		212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C
			392 °F



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Adhesion to Values

• ABS (initial)	6.5 N/cm 59.4 oz/in	• PE (covered side, after 14 days)	2.6 N/cm 23.8 oz/in
• ABS (after 14 days)	7.9 N/cm 72.2 oz/in	• PE (covered side, initial)	1.6 N/cm 14.6 oz/in
• ABS (covered side, after 14 days)	6.6 N/cm 60.3 oz/in	• PET (initial)	6.5 N/cm 59.4 oz/in
• ABS (covered side, initial)	4.2 N/cm 38.4 oz/in	• PET (after 14 days)	7 N/cm 64 oz/in
• PC (initial)	8.2 N/cm 74.9 oz/in	• PET (covered side, after 14 days)	5.6 N/cm 51.2 oz/in
• PC (after 14 days)	9.7 N/cm 88.6 oz/in	• PET (covered side, initial)	4.4 N/cm 40.2 oz/in
• PC (covered side, after 14 days)	7.2 N/cm 65.8 oz/in	• Steel (initial)	8 N/cm 73.1 oz/in
• PC (covered side, initial)	5.4 N/cm 49.3 oz/in	• Steel (after 14 days)	9.2 N/cm 84.1 oz/in
• PE (initial)	3.6 N/cm 32.9 oz/in	• Steel (covered side, after 14 days)	7.5 N/cm 68.5 oz/in
• PE (after 14 days)	4.7 N/cm 42.9 oz/in	• Steel (covered side, initial)	5 N/cm 45.7 oz/in

Disclaimer

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