



tesa[®] 68552

Product Information

50µm d/s filmic tape with a thin, conformable PET backing

Product Description

tesa[®] 68552 is a transparent, doublesided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

tesa[®] 68552 features:

- Thickness: 50 µm
- High adhesion level
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

Product Features

- Thickness: 50 µm
- High adhesion level
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

Application Fields

- Mounting of metal or plastic badges and signs
- Fixing of reflection foil 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 | 50 µm |
| • Type of adhesive | tackified acrylic | | 2 mils |
| | | • Color | transparent |



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Product Information

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	7 N/cm 4 lbs/in	• Static shear resistance at 40°C	medium
• Ageing resistance (UV)	very good	• Tack	medium
• Chemical Resistance	very good	• Temperature resistance long term	100 °C 212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C 392 °F

Adhesion to Values

• ABS (initial)	6.1 N/cm 55.7 oz/in	• PET (after 14 days)	6.5 N/cm 59.4 oz/in
• ABS (after 14 days)	7.3 N/cm 66.7 oz/in	• PP (initial)	3 N/cm 27.4 oz/in
• Aluminium (initial)	5.7 N/cm 52.1 oz/in	• PP (after 14 days)	4.5 N/cm 41.1 oz/in
• Aluminium (after 14 days)	7.4 N/cm 67.6 oz/in	• PS (initial)	6 N/cm 54.8 oz/in
• PC (initial)	7.4 N/cm 67.6 oz/in	• PS (after 14 days)	7.7 N/cm 70.3 oz/in
• PC (after 14 days)	8.9 N/cm 81.3 oz/in	• PVC (initial)	6.3 N/cm 57.6 oz/in
• PE (initial)	3.2 N/cm 29.2 oz/in	• PVC (after 14 days)	10 N/cm 91.4 oz/in
• PE (after 14 days)	4.2 N/cm 38.4 oz/in	• Steel (initial)	7 N/cm 64 oz/in
• PET (initial)	6.1 N/cm 55.7 oz/in	• Steel (after 14 days)	8.6 N/cm 78.6 oz/in

Additional Information

Liner variants:

PV40 white/red logo glassine paper (71µm; 82g/m²)

PV50 transparent PET liner (50µm; 72g/m²)



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Product Information

Disclaimer

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