



tesa[®] 68559

Product Information

20µm d/s filmic tape with a thin, conformable PET backing

Product Description

tesa 68559 is a transparent, double-sided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

tesa 68559 features:

- Thickness: 20µm
- High adhesion level relative to low thickness
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

Product Features

- Thickness: 20µm
- High adhesion level relative to low thickness
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

Application Fields

- Fixing of reflection film 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 | 20 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |

Properties/Performance Values

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

For latest information on this product please visit <http://l.tesa.com/?ip=68559>



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Product Information

Adhesion to Values

• ABS (initial)	4.5 N/cm 41.1 oz/in	• PET (after 14 days)	5.6 N/cm 51.2 oz/in
• ABS (after 14 days)	5.2 N/cm 47.5 oz/in	• PP (initial)	1.7 N/cm 15.5 oz/in
• Aluminium (initial)	4 N/cm 36.5 oz/in	• PP (after 14 days)	2.8 N/cm 25.6 oz/in
• Aluminium (after 14 days)	5.9 N/cm 53.9 oz/in	• PS (initial)	3.6 N/cm 32.9 oz/in
• PC (initial)	5.2 N/cm 47.5 oz/in	• PS (after 14 days)	5.2 N/cm 47.5 oz/in
• PC (after 14 days)	6 N/cm 54.8 oz/in	• PVC (initial)	3.7 N/cm 33.8 oz/in
• PE (initial)	1.7 N/cm 15.5 oz/in	• PVC (after 14 days)	6.7 N/cm 61.2 oz/in
• PE (after 14 days)	2.4 N/cm 21.9 oz/in	• Steel (initial)	5.2 N/cm 47.5 oz/in
• PET (initial)	4.1 N/cm 37.5 oz/in	• Steel (after 14 days)	6.8 N/cm 62.1 oz/in

Additional Information

Liner variants:

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

Disclaimer

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