



tesa® 68550

Product Information

30µm d/s filmic tape with a thin, conformable PET backing

Product Description

tesa® 68550 is a transparent, double-sided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

tesa® 68550 features:

- Thickness: 30 µm
- 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	30 µm
• Type of adhesive	tackified acrylic	• Color	transparent

Properties/Performance Values

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



tesa® 68550

Product Information

Adhesion to Values

• ABS (initial)	5 N/cm 45.7 oz/in	• PET (after 14 days)	6 N/cm 54.8 oz/in
• ABS (after 14 days)	6 N/cm 54.8 oz/in	• PP (initial)	2.5 N/cm 22.8 oz/in
• Aluminium (initial)	4.7 N/cm 42.9 oz/in	• PP (after 14 days)	4 N/cm 36.5 oz/in
• Aluminium (after 14 days)	7 N/cm 64 oz/in	• PS (initial)	4.6 N/cm 42 oz/in
• PC (initial)	6 N/cm 54.8 oz/in	• PS (after 14 days)	6.4 N/cm 58.5 oz/in
• PC (after 14 days)	7.8 N/cm 71.3 oz/in	• PVC (initial)	5.1 N/cm 46.6 oz/in
• PE (initial)	2.6 N/cm 23.8 oz/in	• PVC (after 14 days)	8.6 N/cm 78.6 oz/in
• PE (after 14 days)	3 N/cm 27.4 oz/in	• Steel (initial)	6 N/cm 54.8 oz/in
• PET (initial)	4.8 N/cm 43.9 oz/in	• Steel (after 14 days)	8.2 N/cm 74.9 oz/in

Additional Information

Liner variants:

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

PV42 brown glassine paper (71µm; 82g/m²)

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

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit <http://l.tesa.com/?ip=68550>