

tesa® 68559

20µm double sided transparent conformable filmic tape

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 esp.:

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

Main Application

- Fixing of reflection film to LCD frame
- Splicing of thin plastic films

Technical Data

▪ Backing material	PET film	▪ Type of adhesive	tackified acrylic
▪ Color	transparent	▪ Elongation at break	50 %
▪ Total thickness	20 µm	▪ Tensile strength	7 N/cm

Adhesion to

▪ Steel (initial)	5.2 N/cm	▪ Steel (after 14 days)	6.8 N/cm
▪ ABS (initial)	4.5 N/cm	▪ ABS (after 14 days)	5.2 N/cm
▪ Aluminium (initial)	4.0 N/cm	▪ Aluminium (after 14 days)	5.9 N/cm
▪ PC (initial)	5.2 N/cm	▪ PC (after 14 days)	6.0 N/cm
▪ PE (initial)	1.7 N/cm	▪ PE (after 14 days)	2.4 N/cm
▪ PET (initial)	4.1 N/cm	▪ PET (after 14 days)	5.6 N/cm
▪ PP (initial)	1.7 N/cm	▪ PP (after 14 days)	2.8 N/cm
▪ PS (initial)	3.6 N/cm	▪ PS (after 14 days)	5.2 N/cm
▪ PVC (initial)	3.7 N/cm	▪ PVC (after 14 days)	6.7 N/cm

Properties

▪ Temperature resistance short term	200 °C	▪ Ageing resistance (UV)	●●●●
▪ Temperature resistance long term	100 °C	▪ Humidity resistance	●●●●
▪ Tack	●	▪ Static shear resistance at 23°C	●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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

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.

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Additional Information

Liner variants:

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

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