

product information

tesa® 68585

80µm double sided transparent differential filmic tape

tesa® 68585 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive. The coating weight of the open side is higher than the coating weight of the covered side.

tesa® 68585 features esp.

- Thickness: 80µm
- 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

Main Application

- Mounting of two different substrates, where one is easy and the other difficult to adhere to
- Mounting of speaker mesh and metal housing
- Mounting of metal or plastic badges and signs

Technical Data

▪ Backing material	PET film	▪ Type of adhesive	tackified acrylic
▪ Color	transparent	▪ Elongation at break	50 %
▪ Total thickness	80 µm	▪ Tensile strength	20 N/cm

Adhesion to

▪ Steel (initial)	7.4 N/cm	▪ Steel (after 14 days)	10.8 N/cm
▪ Steel (covered side, initial)	6.6 N/cm	▪ Steel (covered side, after 14 days)	8.0 N/cm
▪ ABS (initial)	7.4 N/cm	▪ ABS (after 14 days)	9.2 N/cm
▪ ABS (covered side, initial)	5.6 N/cm	▪ ABS (covered side, after 14 days)	6.9 N/cm
▪ PC (initial)	9.1 N/cm	▪ PC (after 14 days)	11.0 N/cm
▪ PC (covered side, initial)	7.2 N/cm	▪ PC (covered side, after 14 days)	8.8 N/cm
▪ PE (initial)	4.2 N/cm	▪ PE (after 14 days)	5.8 N/cm
▪ PE (covered side, initial)	3.4 N/cm	▪ PE (covered side, after 14 days)	3.5 N/cm
▪ PET (initial)	7.2 N/cm	▪ PET (after 14 days)	7.8 N/cm
▪ PET (covered side, initial)	5.2 N/cm	▪ PET (covered side, after 14 days)	5.7 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=68585>

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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