productinformation

tesa® 68582

50µm double sided transparent differential filmic tape

tesa® 68582 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® 68582 features esp.

- Thickness: 50µm
- 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 sub-strates, where one is easy to adhere and the other one is difficult to adhere
- Mounting of protection films that will be removed after transportation or storage

Technical Data

Backing material	PET film	Tensile strength	20 N/cm
Color	transparent	Type of liner	PE-coated paper
Total thickness	50 µm	Colour of liner	white/blue logo
Type of adhesive	tackified acrylic	Thickness of liner	122 µm
Elongation at break	50 %	Weight of liner	120 g/m²

Adhesion to

Steel (initial)	8.0 N/cm	Steel (after 14 days)	9.2 N/cm
Steel (covered side, initial)	5.0 N/cm	Steel (covered side, after 14 days)	7.5 N/cm
ABS (initial)	6.5 N/cm	ABS (after 14 days)	7.9 N/cm
ABS (covered side, initial)	4.2 N/cm	ABS (covered side, after 14 days)	6.6 N/cm
PC (initial)	8.2 N/cm	PC (after 14 days)	9.7 N/cm
PC (covered side, initial)	5.4 N/cm	PC (covered side, after 14 days)	7.2 N/cm
PE (initial)	3.6 N/cm	PE (after 14 days)	4.7 N/cm
PE (covered side, initial)	1.6 N/cm	PE (covered side, after 14 days)	2.6 N/cm
PET (initial)	6.5 N/cm	PET (after 14 days)	7.0 N/cm
PET (covered side, initial)	4.4 N/cm	PET (covered side, after 14 days)	5.6 N/cm

For latest information on this product please visit http://l.tesa.com/?ip=68582

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Properties

▪ Temperature resistance short term	200 °C	▪ Humidity resistance	●●●●
▪ Temperature resistance long term	100 °C	▪ Resistance to chemicals	●●●●
▪ Tack	●●	▪ Static shear resistance at 23°C	●●●
▪ Ageing resistance (UV)	●●●●	▪ Static shear resistance at 40°C	●●

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

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