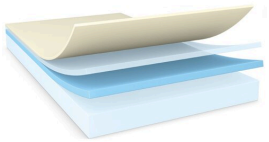
tesa® 68585

Product Information



80µm double sided transparent differential filmic tape

Product Description

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.

Product Features

- 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

Application Fields

- 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 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	80 µm
• Type of adhesive	tackified acrylic	• Color	transparent

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	medium
• Tensile strength	20 N/cm	• Tack	good
• Ageing resistance (UV)	very good	• Temperature resistance long term	100 °C
• Humidity resistance	very good	• Temperature resistance short term	200 °C

For latest information on this product please visit http://l.tesa.com/?ip=68585

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Product Information

Adhesion to Values

- ABS (initial) 7.4 N/cm
- ABS (after 14 days) 9.2 N/cm
- ABS (covered side, after 14 days) 6.9 N/cm
- ABS (covered side, initial) 5.6 N/cm
- PC (initial) 9.1 N/cm
- PC (after 14 days) 11 N/cm
- PC (covered side, after 14 days) 8.8 N/cm
- PC (covered side, initial) 7.2 N/cm
- PE (initial) 4.2 N/cm
- PE (after 14 days) 5.8 N/cm
- PE (covered side, after 14 days) 3.5 N/cm
- PE (covered side, initial) 3.4 N/cm
- PET (initial) 7.2 N/cm
- PET (after 14 days) 7.8 N/cm
- PET (covered side, after 14 days) 5.7 N/cm
- PET (covered side, initial) 5.2 N/cm
- Steel (initial) 9.5 N/cm
- Steel (after 14 days) 10.8 N/cm
- Steel (covered side, after 14 days) 8 N/cm
- Steel (covered side, initial) 6.6 N/cm

Additional Information

Liner variants:
PV40 white/red logo glassine paper (71µm; 82g/m^2)

Disclaimer

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