tesa® 68582

Product Information

50µm double sided transparent differential filmic tape

Product Description

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

Product Features

- 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

Applications

- 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 Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Applications

• Backing	PET film	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	white/blue logo
• Type of liner	PE-coated paper	• Thickness of liner	122 µm
• Total thickness	50 µm	• Weight of liner	120 g/m^2

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

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Product Information

Properties/Performance Values

- Elongation at break 50 %
- Tensile strength 20 N/cm
- Ageing resistance (UV) very good
- Chemical Resistance very good
- Humidity resistance very good
- Static shear resistance at 23°C good
- Static shear resistance at 40°C medium
- Tack medium
- Temperature resistance long term 100 °C
- Temperature resistance short term 200 °C

Adhesion to Values

- ABS (initial) 6.5 N/cm
- ABS (after 14 days) 7.9 N/cm
- ABS (covered side, after 14 days) 6.6 N/cm
- ABS (covered side, initial) 4.2 N/cm
- PC (initial) 8.2 N/cm
- PC (after 14 days) 9.7 N/cm
- PC (covered side, after 14 days) 7.2 N/cm
- PC (covered side, initial) 5.4 N/cm
- PE (initial) 3.6 N/cm
- PE (after 14 days) 4.7 N/cm
- PE (covered side, after 14 days) 2.6 N/cm
- PE (covered side, initial) 1.6 N/cm
- PET (initial) 6.5 N/cm
- PET (after 14 days) 7 N/cm
- PET (covered side, after 14 days) 5.6 N/cm
- PET (covered side, initial) 4.4 N/cm
- Steel (initial) 8 N/cm
- Steel (after 14 days) 9.2 N/cm
- Steel (covered side, after 14 days) 7.5 N/cm
- Steel (covered side, initial) 5 N/cm

Disclaimer

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