



Product Information

50µm d/s filmic tape with different adhesion levels

Product Description

tesa[®] 68582 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

The open side is more heavily coated than the covered side.

tesa® 68582 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

Product Features

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Application Fields

- 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.

Product Construction

- Backing
- Type of adhesive
- Type of liner
- Total thickness
- PET film tackified acrylic PE-coated paper 50 μm 2 mils
- Color
- Color of liner
- Thickness of liner
- Weight of liner

transparent white/blue logo 122 μm 4.8 mils 120 g/m²





Product Information

Properties/Performance Values

| Adhesion to ValuesPE (covered side, after 14 days)2.6 N/cm 23.8 oz/in• ABS (initial)6.5 N/cm 59.4 oz/inPE (covered side, after 14 days)2.6 N/cm 23.8 oz/in• ABS (after 14 days)7.9 N/cm 72.2 oz/inPE (covered side, initial)1.6 N/cm 14.6 oz/in• ABS (covered side, after 14 days)6.6 N/cm 60.3 oz/inPET (initial)6.5 N/cm 59.4 oz/in• ABS (covered side, initial)4.2 N/cm 88.4 oz/inPET (after 14 days)7 N/cm 64 oz/in• PC (initial)8.2 N/cm 74.9 oz/inPET (covered side, after 14 days)5.6 N/cm 5.6 N/cm 5.2 oz/in• PC (after 14 days)7.2 N/cm 88.6 oz/inPET (covered side, initial)5.6 N/cm 64 oz/in• PC (covered side, after 14 days)7.2 N/cm 88.6 oz/inPET (covered side, initial)6.4 N/cm 71.0 z/in• PC (covered side, after 14 days)7.2 N/cm 88.6 oz/inPET (covered side, initial)8.N/cm 73.1 oz/in• PC (covered side, after 14 days)7.2 N/cm 88.6 oz/inSteel (initial)8.N/cm 84.1 oz/in• PE (initial)5.4 N/cm 49.3 oz/inSteel (covered side, after 14 days)9.2 N/cm 84.1 oz/in• PE (initial)3.6 N/cm 32.9 oz/inSteel (covered side, after 14 days)68.5 oz/in 68.5 oz/in• PE (after 14 days)3.6 N/cm 42.9 oz/inSteel (covered side, initial)5.6 N/cm 68.5 oz/in• PE (after 14 days)2.9 oz/inSteel (covered side, initial)5.0 N/cm 68.5 oz/in• PE (after 14 days)2.9 oz/inSteel (covered side, initial)5 | ChemicalHumidity r | ength sistance (UV) Resistance resistance | 50 % 20 N/cm 11.4 lbs/in very good very good very good | • | Static shear resistance at 23°C Static shear resistance at 40°C Tack Temperature resistance long term Temperature resistance short term | good medium nedium 100 °C 212 °F 200 °C 392 °F | |
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| 59.4 oz/in23.8 oz/in• ABS (after 14 days)7.9 N/cm 72.2 oz/in• PE (covered side, initial)1.6 N/cm 14.6 oz/in• ABS (covered side, after 14 days)6.6 N/cm 60.3 oz/in• PET (initial)6.5 N/cm 59.4 oz/in• ABS (covered side, initial)4.2 N/cm 38.4 oz/in• PET (after 14 days)7 N/cm 64 oz/in• PC (initial)8.2 N/cm 74.9 oz/in• PET (covered side, after 14 days)5.6 N/cm 51.2 oz/in• PC (after 14 days)9.7 N/cm 88.6 oz/in• PET (covered side, initial)4.4 N/cm 40.2 oz/in• PC (covered side, after 14 days)7.2 N/cm 65.8 oz/in• PET (covered side, initial)4.4 N/cm 40.2 oz/in• PC (covered side, after 14 days)7.2 N/cm 65.8 oz/in• Steel (initial)8 N/cm 73.1 oz/in• PC (covered side, initial)5.4 N/cm 49.3 oz/in• Steel (after 14 days)9.2 N/cm 84.1 oz/in• PE (initial)3.6 N/cm 32.9 oz/in• Steel (covered side, after 14 days)5 N/cm• PE (after 14 days)4.7 N/cm• Steel (covered side, after 14 days)5 N/cm | Adhesion to Values | | | | | | |
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| | • PE (after 14 | 4 days) | 4.7 N/cm | ٠ | | 5 N/cm | |





Product Information

Disclaimer

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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