DATA SHEET 38040.050.41800

Signolit SC 40

Translucent matt permanent acrylic self-adhesive polyester film with a paper release liner. Ideal for stickers, signs, decals and posters. It is tear resistant and can be used in internal or external conditions. The imaged film has outstanding toner bonding and water resistance.

Printing Systems

Formats

Art.Number	Thickness	Format	Packing quantity
38040.050.44000	0.060 mm	DIN A4	100 sheets
38040.050.44800	0.060 mm	DIN A4	500 sheets
38040.050.43100	0.060 mm	DIN A3	40 sheets
38040.050.41800	0.060 mm	DIN A3	500 sheets

Technical data

Characteristic

- High brillance of colours
- Good scratch resistance
- Tear resistant
- Universal use
- Weather proof prints

Finish

- self-adhesive with paper backing
- Translucent matt

Specifications

Release liner	siliconized paper
Width (mm)	297
Thickness of carrier material	0.060 mm
Format	DIN A3
Adhesion strength	~ 3.5 - 5.0 N / 25 mm (A.F.E.R.A.), after 24 h ~ 10 N / 25 mm (A.F.E.R.A.)
Type of adhesive	dispersion
Length (mm)	420
Temperature range	glued +5°C up to +80°C
Base Material	PET film
Total thickness	0.155 mm
Packing quantity	500 sheets

Compatibility

- For use on most Mono & Colour Laser Printers.
- For use on most black and white copiers and laser printers.

Handling

- Printing: Before printing, the film has to be conditioned in the print room to equalize the temperature of the material on the room temperature. Before inserting the paper in the single sheet tray of printer, the sheets should be fanned out thoroughly. Please note dependant on climatic conditions sheets may exhibit a little more static at the output tray which may require monitoring. After printing, the sheets surplus should be removed from the printer and stored in its original packing.
- Surface Protection: The product can be used outdoor without lamination. However, the surface must be protected in order to improve weathering resistance or if the film is subject to any mechanical influences. In this case you should use self-adhesive laminating foils. If silicon oil is added depending on the type of machine this may influence the adherence of the laminating foil on the film’s surface. It is necessary to make some tests on a sample sheet before further processing.
- All even, smooth surfaces which are dry and free of dirt, grease, silicon etc. can be adhered. The surface to be adhered to must be checked for suitability and professionally prepared (cleaned) before application. If applied onto curved surfaces please be aware that label lift off can occur especially if the radius is tight. Gluing on low-energy surfaces such as LDPE PE PP will be not recommended. Please note: It is up to the user to test for there own suitability/application, due to the wide variety of surfaces, applications & desired results. Adhesion temperature at least 15°C.

Storage

- Shelf life: 1 year after delivery
- In its original packing at 20-25°C, 45-55% humidity.

Safety instructions

- Only suitable for the use specified in this data sheet.
- The printing film may only come into direct contact with food or drinking water if there is a corresponding valid certificate for the product.
- Keep away from children. Not suitable for toy use.
- Keep away from heat sources as the material can be flammable.

Product liability clause

The foregoing information and any consulting provided by us in terms of application engineering shall be given to our best knowledge, but shall not be considered binding information neither with regard to any third party industrial property rights. Any such consulting shall not relieve you from your own review of our current consulting information as to their suitability for the intended procedures and applications. It is the users responsibility to determine the suitability for his/her own use and application and test through the complete production process to ensure the product is fully suitable for the intended use, since conditions of use are beyond our control. The sale of our products shall be subject to our current General Terms and Conditions. We reserve the right to make changes that serve to improve the product.