

SIGNOLIT® SC 46 self-adhesive PET film for laser and copiers, white glossy

Description	<i>Material</i>	- self-adhesive polyester film white glossy for copiers and laser printers
	<i>Properties</i>	- brilliant colour reproduction - good toner adhesion - resistance to scratches and lateral bending - weather-proof
	<i>Application</i> <i>Durability</i>	- indoor long-term - outdoor up to 12 months according to DIN ISO 4892-3
	<i>Printing systems</i>	- black and white laser printers - black and white copiers - colour laser printers - colour copiers
Examples of Use	<i>Indoor and outdoor</i>	- self-adhesive labels, stickers, banderoles signs on boards and plates made of plastic, glass, metal or any other lacquered flat and smooth surfaces.
Tested Printers (short summary)	<i>Copiers and laser printers</i>	- Canon, Epson, GCC, HP, Konica-Minolta, Océ, Ricoh, Xerox For details, please refer to our SC compatibility chart. The up-dated version can be found on our homepage under www.regulus.de .
Printer Setting	<i>Dependent on type</i>	- OHP films / transparencies - heavy paper / thick paper - carton / thick - labels / foils
	<i>Feeding</i>	- single sheet feeding or material transport in a straight line if possible
Surface Protection	SC 46 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.	
Adhesing	SC 46 will stick to any solid, smooth surfaces which are dry and free of dirt, oil, silicon etc. The temperature during the application must reach at least 15°C.	

Technical Data

<i>Base material</i>	PET film ~ 50µm
<i>Adhesive</i>	dispersion
<i>Tackiness</i>	~ 3.5 - 5.0 N / 25mm (A.F.E.R.A)
<i>Tackiness after 24 h</i>	~ 10 N / 25mm (A.F.E.R.A)
<i>Temperature range</i>	glued +5°C up to +80°C
<i>Backing paper</i>	silicon paper
<i>Paper weight</i>	~ 100 g/m ²
<i>Total thickness</i>	~ 150µm
<i>Total grammage</i>	~ 190g/m ²
<i>Dimensions</i>	sheets DIN A4 DIN A3 DIN A3+ (320 x 450mm)

Storage

SC 46 must be stored in its original packing in a cool and dry environment.

Disposal

The left-over pieces of film can be treated as industrial waste and incinerated. Nevertheless, it is absolutely necessary to follow the local regulations in force in the waste treatment plants.

Hints

This information corresponds to our present state of knowledge and is destined to inform you without obligation about our products and their use. Our hints and recommendations do not release you from the necessity to ensure by your own tests our product's suitability for its intended use as we do not have any influence on the conditions at your place and on possible influences which may occur during use or application. The print quality strongly depends on the state of the printer, the toner used, the fixing temperatures and the media settings in the software or printer. The chosen settings decide on the level of the fixing temperatures and fixing time and therefore on the printing quality. The setting details we give are only for information and should be adapted by the user. We reserve the right for any changes useful for product improvement.