

## SIGNOLIT® SI 409 power-sol frontprint backlit film, matt

<b>Description</b>	<i>Material</i>	- translucent rigid vinyl film, matt on both sides, printable on one side
	<i>Coating</i>	- matt coating
	<i>Properties</i>	- brilliant colour reproduction - reduced reflections on the printed surface
	<i>Durability</i>	- medium term for indoor - short term for outdoor
	<i>Inks</i>	- eco-solvent inks - mild-solvent inks - solvent inks
<b>Examples of Use</b>	<i>Indoor and Outdoor</i>	- luminous advertising, illuminated displays, exhibition works, - light boxes max. 45°C In case of a multi-panel presentation it is necessary to check before printing that in regard to the thickness of the film the printer can print with sufficient dimensional accuracy.
<b>Temperature setting</b>		Before printing it is necessary to check that the correct drying temperature has been set by carrying out a trial print. The temperature should not exceed 30°C - 35°C. Too high drying temperatures can lead to a deformation of the film which can later cause further problems while processing.
<b>Drying time / Processing</b>		The VOC which are contained in solvent inks must be fully dried before further processing. For this reason it is necessary to take long enough drying times into account. The drying time of the printed media depends very much on the quantity of solvent applied. When printing the film in a roll-to-roll process, the printed strip must be unrolled and laid flat as soon as possible until final drying. Solvent residues due to insufficient drying times can lead to blocking during transport in rolled-up form. During lamination such residues can negatively impact the quality of the finished product (flatness, shrinkage behaviour, anchorage, etc...).
<b>Laminating</b>		The printed surface must be protected if it is subject over a long time to humidity, abrasion, sweat or other mechanical influences. In this case the print must be protected with self-adhesive laminating films or appropriate liquid lamination products.
<b>Technical data</b>	<i>Base material</i>	translucent rigid vinyl film
	<i>Thickness</i>	~ 250 µm
	<i>Grammage</i>	~ 330 g/m <sup>2</sup>
	<i>Dimensions</i>	rolls                      760 mm x 30 m. 914 mm x 30 m. 1067 mm x 30 m. 1270 mm x 30 m. 1370 mm x 30 m. 1520 mm x 30 m.
	<i>Core diameter</i>	76 mm

**Surrounding /  
Storage**

High air humidity during the printing process may lead to banding in the direction of printing and to striations in the print image caused by the transport or press rolls. After printing the remaining roll must be removed from the plotter and stored in its closed original packing in a cool and dry environment.

**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. Due to the large number of combinations of software options, printing profiles, printers, inks, print qualities and resolutions we cannot state exact drying times and the maximum ink quantity required. We reserve the right for any changes useful for product improvement.