

DATA SHEET 22414.350.39000

## SI 414

Highly white rigid vinyl film with high opacity. Suitable for pop-up-displays, poster, PoS and exhibition displays.

## Printing Systems



## Rolls

Art.Number	Width (mm)	Thickness	Length (m)
22414.350.39000	914	0.350 mm	20
22414.350.30500	1067	0.350 mm	20
22414.350.32000	1270	0.350 mm	20
22414.350.32200	1270	0.350 mm	30

## Technical data

## Characteristic

- High brilliance of colours
- Good scratch resistance
- High opacity

## Finish

- White, satin

## Specifications

Coating Printsides	satin
Width (mm)	914
Thickness	0.350 mm +/- 0.005 mm
Core Diameter	76 mm
Length (m)	20

Base Material	rigid vinyl
Packing quantity	1 roll

### Compatibility

- Useable on most large format Ink Jet printers using solvent ink systems.
- Useable on most large format Ink Jet printers using UV curing ink systems.

### Handling

- In regard to humidity: 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.
- Note for temperature setting: Before printing you must check that the correct drying temperature has been set by carrying out a trial print. Too high drying temperatures can lead to a deformation of the film which can later cause further problems while processing.
- Note for Drying time / Processing: The VOC which are contained in solvent and latex 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...).
- It is necessary to protect the surface if it is subject over a long time to abrasion or any other mechanical influences, to dirt or humidity. The lamination can be done right to the edges or over the edges. The user should check before using what is more appropriate.
- UV inks absorb water in a wet state due to the system. The print surface swells and is mechanically unstable during this time. After the ink layer has dried, however, the surface is hard and scratch-resistant again. UV inks also require a certain post-curing time after printing. The printed film surface may therefore only be loaded after 24 hours at the earliest. Due to the risk of blocking, this must be observed especially when printing from roll to roll.
- We recommend to use self-adhesive laminating foils for cold lamination.

### Storage

- Shelf life: 1 year after delivery
- After printing the remaining roll must be removed from the plotter and stored in its closed original packing in a cool and dry environment.

#### 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.