

DATA SHEET 22436.170.39300

## SI 436

White polypropylene film with white back, suitable for roll-up-displays, poster, banner, PoS and exhibition displays. High opacity due to internal light blocking layer

### Printing Systems



### Rolls

Art.Number	Width (mm)	Thickness	Length (m)
22436.170.39300	914	0.170 mm	50
22436.170.30800	1067	0.170 mm	50
22436.170.32300	1270	0.170 mm	50

### Technical data

#### Characteristic

- High brilliance of colours
- Good scratch resistance
- Good flatness
- good tear strength
- High opacity
- PVC-free
- Low-reflective printing surface
- environmentally friendly PP film

#### Finish

- White, satin

## Specifications

Coating Printsides	satin
Width (mm)	914
Thickness	0.170 mm +/- 0.005 mm
Core Diameter	76 mm
Length (m)	50
Opacity	~ 99%
Base Material	Polypropylene
Packing quantity	1 roll

## Compatibility

- Useable on most large format Ink Jet printers using latex inks.
- 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

- Note for Latex-Inks: To avoid the effect of rewetting (oil film on the print surface due to defective anchorage of ink) it is necessary to establish the optimal drying parameter. This can be done by means of print tests before production print. Rewetting can appear several days after printing when the drying conditions are defective. The rewetting can also be dependent on the given ambient conditions and the composition and consistence of the printing theme. When creating a media profile, this circumstance must be expressly taken into consideration.
- 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.
- We recommend to use self-adhesive laminating foils for cold lamination.

For roll-up systems that fix the poster in the cassette by means of a clamping bar, we recommend an additional section of film as a pre-tensioning material of approx. 50-80cm in the lower poster area to avoid possible transverse impressions of the clamping bar in the poster, which may occur during storage while the roll up is stored in the cassette.

### **Storage**

- Shelf life: 1 year after delivery
- Store in the closed original packaging in a cool and dry place at a room temperature of 15 - 25°C and at a humidity of 30 - 60%.

### **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.