DATA SHEET 22218.190.37600

DIALUX SI 218

Translucent polyester film, printable on one side for light boxes and other backlit displays.

Printing Systems

Rolls

Art.Number	Width (mm)	Thickness	Length (m)
22218.190.37600	760	0.190 mm	30
22218.190.39200	914	0.190 mm	30
22218.190.30700	1067	0.190 mm	30
22218.190.32200	1270	0.190 mm	30
22218.190.33500	1370	0.190 mm	30
22218.190.35200	1520	0.190 mm	30

Technical data

Characteristic

- Extremely high colour density
- Brilliant, true colour reproduction with or without back lighting (Day&Night).
- Perfect flatness
- Very good consistency against condensed water when used in outdoor light boxes
- Very good temperature resistance

Finish

- Translucent, glossy

Specifications

Coating Printside	glossy
Width (mm)	760
Thickness	0.190 mm
Core Diameter	76 mm
Length (m)	30
Opacity	0.32
Base Material	Polyester
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 condtions 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 or appropriate liquid lamination products.

Storage

- 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. These shall be beyond our control, and be subject to your exclusive responsibility. The sale of our products shall be subject to our current General Terms and Conditions.