

EMBLEM Solvent LUMAX II Backlit Film

EMBLEM SOLUMAX2 is a translucent backlit film based on a clear and colorless polyester film. The bright white coating causes a good scratch resistance and brilliant color reproduction with and without backlight – Day & Night. Typical applications are backlight boxes, frames, displays and graphic-art.

Matchcode:	SOLUMAX2
Material:	PET Film
Finish:	satın
Color:	translucent - white
Thickness:	205 μm ± 5 %
Weight:	270 g/m^2 ± 5 %
Visual density:	appr. 0,25
Lamination:	cold, warm
Standard roll width:	1100 / 1370 / 1520 mm
Standard roll length:	30 m
Durability:	12 months indoors under Central European climate conditions
Storage:	cool and dry at 20 °C, 50 % rel. humidity
Shelf life:	24 months in original packing

COMPATIBLE INKS:

Eco Solvent:	yes	UVC:	yes
Solvent:	yes	Latex:	yes

Different printers, inks, resolutions and printing qualities result into numerous different printing parameters. In addition, there are numerous factors influencing processing and the application of our materials. For this reason, we cannot make specific statements as to drying times and maximum ink absorption. For this reason, we recommend you to perform own tests in order to verify the desired results. Our product specifications are not to be understood as legally binding guarantees assuring specific characteristics. Any liabilities and guarantees, as well as claims for compensation beyond the value of the product itself are excluded.

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Description:

EMBLEM Solvent LUMAX II Backlit Film can be printed with all common EcoSolvent, Solvent, UVC and Latex inks. The water-resistant coating of the backlit film enables a high ink level and good scratch resistance. In transillumination, the SOLUMAX2 is characterised by a high degree of whiteness and intense colours. An even light diffusion is created by the matting on the print side, which ensures optimal colour gradations and a neutral reproduction of greyscales. Therefore, small scratches on the reverse side, which can occur during further processing, do not affect the backlit film's transillumination properties and, together with the excellent flatness, ensure a high level of production reliability.

Processing:

The volatile VOCs contained in solvent, eco-solvent and latex inks must be completely dried out before further processing. The drying of the printed medium depends strongly on the ink application. Solvent residues, caused by too short drying times, can lead to blocking of the wound webs in the rolled state. We therefore recommend that the printed web is unrolled and laid out flat again as quickly as possible until final drying or is dried loosely wound in the EMBLEM Easy Dryer.

When the surface is subject to humidity, abrasion, sweat or other mechanical influences for a long time it must be protected with self-adhesive laminating films or appropriate liquid lamination products. During lamination residues can i the quality of the finished product (flatness, shrinkage behaviour, anchorage, adhesion power, etc.) negatively.

Before printing check the correct drying temperature by carrying out a trial print. Drying temperatures which are too high can lead to a deformation of the film. To avoid fingerprints the use of cotton gloves is advised.

Application:

Typical applications for SOLUMAX2 are light boxes, illuminated displays and graphic art.