EMBLEM Solvent LUMAX Backlit Film

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

Matchcode:	SOLUMAX
Material:	PET Film
Finish:	satin
Colour:	translucent - white
Thickness:	210 µm
Weight:	290 g/m²
Visual density:	0,37
Yellowness index:	31,0 ± 3 acc. ASTM D1925
Lamination:	cold, warm
Flame retardant:	no
Standard roll width:	42" - 54"
Standard roll length:	30 m
Durability:	up to 12 month outdoor under condition of Middle European climate
Storage:	at 15°C - 25°C, 50% rel. humidity
Shelf life:	12 month in original boxes

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 a 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 SOLUMAX is made for printing with common eco solvent, solvent, UVC and latex inks. The water-resistant coating of the backlit film allows a high ink limit and good scratch resistance. During illumination SOLUMAX shows a bright whiteness and intensive colours. A smooth diffusion of light is produced from the matting on the print side that gives excellent gradations in colour and grey. Little scratches on the back caused by processing do not influence the illumination properties of the backlit. This ensures a stable workflow. EMBLEM SOLUMAX has a good flatness for light box applications.

Processing:

Before further processing the VOC's of solvent, eco solvent and latex inks must be dried completely. The drying time depends on the amount of ink. Solvent residues due to insufficient drying time can lead to blocking if stored in rolled-up form. We advice to unroll the printed strip and spread it out as soon as possible until final drying.
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 advisable.

Application:

Typical applications are backlight boxes, frames, displays and graphic-art.