

myMEDIA 2127 Backlit Film

Product Description

myMEDIA 2127 Backlit Film is a satin backlit polyester film, which is excellently printable on the glossy side as a front print with Latex, Eco-Solvent, Solvent and UV-curable inks. The prints are very resistant to water and mechanical stress and have a high colour density, both when illuminated and when not illuminated. As a result, the colours are very brilliant as a day-and-night application even without backlighting. myMEDIA 2127 Backlit Film impresses with excellent dimensional stability as well as high tear and abrasion resistance and is also very suitable for large displays due to the very stable carrier material. Also suitable for applications in areas with high humidity and water condensation. Very good price-performance ratio.

Physical Characteristics

Material	Translucent Polyester Film, Frontprint
Thickness / Weiht	200 µm, 270 g/m ²
Colour / Finish	white satin
Light transmission	~ 48 %
Durability	Indoor and short term Outdoor

Printing Method

Compatible inks	HP Latex, Eco-Solvent, Solvent, UVC
Drying	The digital print must be ABSOLUTELY DRY! The drying of the printed medium is strongly dependent on the amount of solvent applied (ink coverage), therefore sufficiently long drying times must be taken into account. When printing the material in a roll-to-roll process, the printed material must be unrolled and laid out flat again as quickly as possible until final drying in order to achieve the best drying results. We recommend drying the material for at least 24 hours in an unrolled state before further processing. If this is not possible, place the roll upright and very loosely wound on an air-permeable (grid) floor to ensure air circulation. Insufficient drying (solvent residues, rewetting, etc.) can lead to blocking in the rolled state and subsequently to unrolling, shrinkage and insufficient adhesion, which are not covered by the warranty. Therefore, the drying must be checked by practical methods, such as Tesa test (optimally with cross cut), grip test, abrasion test and smell test, before further processing, lamination or application.

Processing and converting

Lamination	Before further processing and/or lamination, it is absolutely necessary for the print to dry completely. Lamination may only be done cold.
Recommended laminates	myMEDIA 1200 PolyVinyl Gloss, myMEDIA 1210 PolyVinyl Matt

Storage

Shelf life	1 year if stored in original packaging
Storage conditions	+15°C to +25°C and 50 relative humidity
Storage instruction	Remove the roll from the printer after each use and store it in the sealed original packaging. Pressure marks must be avoided.

Application instruction

Light boxes	Due to high humidity and temperature variations, the product may stick to the light box pane on contact and the coating may peel off. Lamination is recommended to prevent this. Stagnant moisture due to permanent dipping must be avoided in any case.
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Advantages and features

- Particularly high colour density
- Brilliant, colour-neutral image reproduction
- Very good print quality
- Excellent day and night applications possible
- Low-reflection surface
- Good rigidity and therefore easy to mount
- Excellent dimensional stability
- High tear resistance
- Very good price-performance ratio
- Very good resistance to condensation when used in outdoor light boxes
- For Latex, Eco-Solvent, Solvent and UV-curable inks

Applications

- High quality illuminated signs
- City Lights
- Retail displays
- Light boxes
- Exhibition displays

Important Notice

Information on physical and chemical characteristics is based upon tests, practical knowledge and experience. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Because of the variety of uses and applications, the purchasers should independently determine, prior to use, the suitability of this material to their specific use and carefully consider the suitability and performance of the product. The purchaser shall assume all risks for any use and application of the material. All specifications and technical data are subject to change without prior notice, errors and omissions expected. All warranty matters are regulated by our general terms and conditions.