



Technical Data Sheet

Product: Printec® Latex Premium Backlit Film

Product Code: MI BL FILM LPRM

Description:

Composition: 175um Substrate Clear PET Film

Size: 1,07m/1,27m/1.52m*50m

Durability: 1-2 Years indoor

Ink Support: Dye / Pigment / Latex

Features:

1. Excellent color resolution
2. long durability for indoor, water-resistant feature
3. Good light transmittance

Applications:

Widely used in advertising of light box and decoration.

The product is mainly suitable for digital inkjet printing. Pay attention to control the viscosity of the ink. It is necessary to do ink tests before printing. Sticky ink should be avoided to prevent the shedding of coating.

Technical Data:

Testing condition: Indoor temperature $23 \pm 2^{\circ}\text{C}$ 、Relative humidity $50 \pm 5\%$ 、 Use aluminum, glass, steel plate as the base material for testing

Test Items	Units	Test method	Average value
Thickness	micron	GB/T6672-2001	200±10
Weight-finished product	g/m ²	GB4669-1995	280±10
Opacity	%		≥70
Whiteness	°C	GB/T5950	105%
Gloss Rate 60°	%	GB8807-88	50-60
Dimensional stability MD	mm	FTM 14	≤2.2
Dimensional stability CD	mm	FTM 14	≤2.2
Construction temperature	°C		-30~120
Applicable temperature	°C		-20~+70

• All technical data is subject to change without prior notice

Storage Condition:

All Printec products always need to be stored in their original packing and with the original protection materials, preferably stored hermetically and vertically, do not expose to direct sunlight or heat sources. In order to avoid loss of quality, Printec products should also be stored in suitable conditions, that is at a temperature of $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and a relative humidity of $50 \pm 5\%$. Under these conditions, Printec products can be stored up to one year.

Production and Application Environment:

Production environment: Printec product recommend to using at a temperature of $23 \pm 2^{\circ}\text{C}$, a relative humidity of 50%, clean dust-free environment without suspended matter, Product shall be transferred to the printing environment in advance from the stored environment, the resting period depends on the storage environment; When printing, the ink temperature should be 18°C to 28°C , the best equipment preheating temperature is 30°C . As the solvent of ink is easy to cause the adhesive swelling during printing, we suggest to remain enough margins when printing, make the trimming, cold lamination and pasting after the image complete dry.

Application environment: at a temperature of 18°C to 28°C , a relative humidity of 50%, Pasting on flat, smooth and clean surface without floating dust and shedding, It is necessary to take more than 2 hours for maintenance before laminating.

Warranty Condition:

1. One year shelf life under suitable conditions, preferably use within six months.
2. Serviceable life one year: the best printing is at a temperature of $23 \pm 2^{\circ}\text{C}$ and a relative humidity of $50 \pm 5\%$, clean and dust-free environment, including the production environment, select the certified ink and printer with preheat function. Applicable temperature: -20 to 70°C .
3. Prosecution period one year: from the product manufacture date, no-acceptance for overdue product.

Important Remark:

The information mentioned in this product data sheet is based upon tests that were executed by Printec, and that we consider to be reliable. The information always represents an average, a minimum or a maximum value. It is only give for your information, and does not give any guarantee. It is up to the end user to decide whether or not the product is suited for his particular application.