

Backlit Film 1100 - 180

A very durable, matt, high resolution printable high quality polyester film for light box application. Efficient printing properties due to anti-slip coating on the back side. Designed for UV and latex inks only.



- End-use:** Illuminated signage (light box application)
- Furnish:** 100% polyester
- Finish:** Matt.
- Ink compatibility:** UV and latex.

Technical Target Values

Property	Units	Values	Test method
Grammage	g/m ²	255	ISO 536
Caliper	µm	185	ISO 534
Whiteness L.a.b.	CIE	85/0/-7	ISO 2469
Glossiness	GU	30	ASTM D2457
Light difussion	%	65	ASTM D1003

Certifications

Certified for
HP Latex Inks

Ink compatibility

Printing side	Compatible inks
Outside	UV and latex
Inside	Not printable

Available sizes

Roll widths (mm)	Roll length (m)	Core (in)
1067, 1370, 1520.	30 / 100	3" / 3"

Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Box	30 / 100	49 / 20
Pyramid	N/A	N/A
TIDY	N/A	N/A

Finishing and application

Before proceeding to finishing, please plan enough drying time of the print (24 hours is recommended). Lamination is optional and is not generally required.

Backlit Film 1100 - 180 is very stable, rigid polyester film. Therefore, use appropriate cutting tools and check the sharpness of the blades before proceeding of the cutting.

When mounting into the light-box, take care of the proper tension, avoid wrinkles and creases in order to assure perfect back-lighted image quality.

Tips & Tricks

Backlit Film 1100 - 180 has anti-static coating which makes printing effortless. However, it is highly advisable to keep printing room in proper condition to avoid the static electricity. The most important factor to avoid static electricity is to keep relative humidity at 50% or even slightly more. Ionized air is also effective when combined with a static removing device, but this will not function effectively when the relative humidity is below 40%.

General storage information

Storage of the media is recommended in original packaging. In cool (10°C-25°C) and dry environment (30%-60% of relative humidity). Avoid storing media in areas that are subject to extreme temperature fluctuations, such as near windows or doors. High humidity (more than 60% of relative humidity) can cause the media to absorb moisture, which can affect its print quality.

If you plan to not print on the media for an extended period of time, it is always recommended to unload it from the printer. Storing unused media in the printer can cause it to absorb moisture, which can affect its print quality. By unloading the media and storing it in a proper environment, you can help to ensure that it maintains its quality and is ready for use when needed.

Printing information

It is important to maintain appropriate temperatures and humidity levels in your printing environment to ensure optimal print quality. Temperature range of 18-24°C and a humidity range of 40-60% are considered ideal for large format printing. Temperature range of 15-30°C and a humidity range of 30-70% are considered critical and may possibly impact the printing quality.

Always use the right settings for the media. The best printing results are achieved when a special profile is created for the specific media being used. If you require assistance or have any questions, please do not hesitate to contact us.

Verify that the media is compatible with the printer and ink type intended to be used. Select the appropriate media profile. Using the correct media profile is essential for achieving optimal print quality. Please contact GM Media representative to help you out if needed.

General handling information

Unpacking

Carefully remove the media from its original packaging, taking care not to damage the edges or corners. Hold the media by the edges or wear gloves to prevent skin oils from transferring to the surface.

Inspection

Inspect the media for any signs of damage or defects. This includes checking the edges, corners, and surface of the media for any cracks, tears, or scratches. If any damage or defects are found, do not load the media into the printer. Instead, set it aside and notify the appropriate personnel.

Transporting/carrying

When transporting the media to the printer, handle it with care to prevent any damage or deformations. This includes avoiding dropping or bumping the media against any surfaces.

Hold the media by the edges or corners to prevent any smudging or scratching of the surface. If the media is too large to be carried by hand, use a trolley or other appropriate equipment to transport it safely. Keep the media in a protective sleeve or packaging during transportation to prevent any dust or dirt from settling on the surface.