

## Window Backlit Film 1100 adh.

High quality frosted polyester film for backlit application using indirect light. The material is designed to be used in reverse printing mode and applied indoor. Easy removable. No residue.

- End-use:** Shop window display (backlit effect utilizing indirect artificial light).
- Furnish:** 100% polyester
- Finish:** Matt.
- Ink compatibility:** UV and latex.



## Technical Target Values

Property	Units	Values	Test method
Grammage: face film / total	g/m2	135 / 200	ISO 536
Caliper: face film / total	µm	105 / 155	ISO 534
Glossiness	GU	30	ASTM D2457
Light difussion	%	65	ASTM D1003
Peel Strength 24 hours	gf/25mm	>20	ASTM D903 (180°)

### 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)
1370	30	3"

## Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Box	30	49
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). Window Backlit Film 1100 adh. is designed to be used on flat surfaces only. Lamination is optional and is not generally required.

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

Both (wet and dry) gluing techniques are possible. Wet mount is recommended for large size prints. The media glue are low-tack and are very sensitive to dust and other contamination, therefore handling with gloves is recommended. Also pay extra attention to cleaning the surface before application.

## Tips & Tricks

You may consider to using Window Backlit Film 1100 adh. for short term outdoor applications. In this case, please pay extra attention to application of the media. The presence of any contamination on the surface can have an adverse impact on the adhesion, potentially leading to the print falling off. 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.