

## ECO Frontlit PET Premium

Made of 100% PVC free material, 320g/m2 thickness, banner material. The ECO Frontlit PET Premium is a GREEN versatile lightweight alternative to PVC coated frontlit banners.

- End-use:** Regular banner application indoor and outdoor. Roll-up system.
- Furnish:** 70% PET textile, 30% acrylic coating.
- Finish:** Matt.
- Ink compatibility:** UV, latex, eco-solvent, solvent.



## Technical Target Values

Property	Units	Values	Test method
Coating method	N/A	Knife	N/A
Weave method	N/A	woven	N/A
Grammage	g/m2	320	ISO 2286-2
Yarn dtex	dtex	1100 x 1100	ISO 2060
Yarn density	count	20 x 20	ISO 5084
Shielding Rate	%	83	ISO 5/2
Tensile Strength	N/5cm	2290x2180	ISO 1421
Tear Strength	N	730 x 690	ISO 5084

### Certifications

OEKO-TEX STANDARD 100; DIN 4102-1-B1

## Ink compatibility

Printing side	Compatible inks
Outside	Not printable.
Inside	UV, latex, eco-solvent, solvent.

## Available sizes

Roll widths (mm)	Roll length (m)	Core (in)
Up to 5000	50 / 100	3"

## Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Box	N/A	N/A
Pyramid	N/A	N/A
TIDY	50 / 100	20 / 16

## Finishing and handling information

Before proceeding to finishing, please plan enough drying time of the print (24 hours is recommended) especially when printing with eco-solvent or solvent inks.

Cold cutting method is recommended.

Hot air welding technique is possible and recommended for this media. No additional tape is needed. Additional effort to find the best temperature settings and other parameters might be required.

## Tips & Tricks

Consider choose ECO Frontlit PET Premium instead of regular PVC frontlit banner because of not only it is PVC-free, but also it is much lighter while keeping similar strength parameters. It leads to further reduction of CO2 footprint, because of lower transportation costs to the end customer.

## 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.