

## Textile Backlit 1300 - 175

2 bar woven 100% polyester fabric offering superb color reproduction, especially deep black. It also offers perfect light diffusion through all the surface making it perfect choice for light-box application.

- End-use:** Light-box and frame system for both indoor and outdoor (short term) application.
- Furnish:** 100% 2 bar woven polyester.
- Finish:** Matt.
- Ink compatibility:** UV, latex, DyeSub Transfer.



## Technical Target Values

Property	Units	Values	Test method
Coating method	N/A	Knife	N/A
Grammage	g/m <sup>2</sup>	175	ISO 3801
Yarn dtex	dtex	330x330	ISO 2060
Light transmittance	%	45	ISO 5/2
Shrinkage	%, 210°C, 30s	<=2	ISO 3759
Cutting method	N/A	Cold	N/A
Recommended calender settings	°C, 1-2min.	190-210	N/A

### Certifications

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

## Ink compatibility

Printing side	Compatible inks
Outside	DyeSub Transfer.
Inside	UV, latex.

## 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	100	20
Pyramid	N/A	N/A
TIDY	50 / 100	20 / 20

## Finishing and handling information

Make sure the printed textile is completely dry and the ink is fully cured before proceeding to the finishing stage.

Cold cutting technique is recommended. When using cold cutting technique, it is crucial to ensure that the proper cutting tools are used and the blades are sharp enough. When cutting is done on the automatic cutting table, the proper profile and cutting tool is essential to achieve good cutting results.

When sewing the Textile Backlit 1300 - 175, it's advisable to use polyester thread with a weight of 50-60. The thicker thread might create bulky seams or visible stitching lines.

Washing is not recommended. Can be cleaned with damp cloth. Ironing with low temperature.

## Tips & Tricks

When folding the fabric, do so carefully to avoid creating creases or wrinkles. Fold the fabric along the grain line, which is the direction of the weave, to prevent stretching or distortion.

Avoid folding along the same line repeatedly.

Do not fold the fabric too tightly, as this can cause unnecessary stress on the fibers and may create creases or wrinkles. Instead, fold the fabric loosely and avoid pressing down on the folds.

Avoid stacking heavy objects on top of the folded fabric, as this can create pressure points and potentially damage the fibers.

## 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.

**Important!** Un-tubbed textile media must be kept in original "TIDY"/pyramid packaging or on flat and even surface to avoid media rolls from bending and forming wrinkles.

## 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.