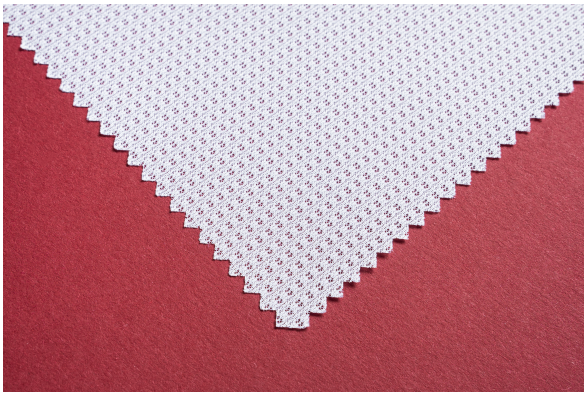
Textile Flag Mesh 1100

100% polyester durable flag textile designed for windy areas with a unique mesh structure that reduces wind resistance. Soft and wrinkle-resistant texture for elegant waving and high quality double-sided image.



End-use: Beach flags, fences used in windy conditions (areas). Longer advertising compaigns.

Furnish: 100% 3 bar warp-knitted polyester.

Finish: Satin.

Ink compatibility: DyeSub direct; DyeSub transfer.

Technical Target Values

Property	Units	Values	Test method
Coating method	N/A	Dip	N/A
Grammage	g/m2	105	ISO 3801
Yarn dtex	dtex	55x55x44	ISO 2060
Yellowing temperature	°C	>=210	N/A
Shrinkage	%, 210°C, 30s	<=2	ISO 3759
Cutting method	N/A	Hot	N/A
Recommended calender settings	°C, 1-2min.	190-210	N/A

Certifications	OEKO-TEX STANDARD 100. EN-13501

Ink compatibility

Printing side	Compatible inks
Outside	Not printable
Inside	DyeSub direct; DyeSub transfer.

Available sizes

Roll widths (mm)	Roll length (m)	Core (in)
Up to 3200	100	3"

Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Box	N/A	N/A
Pyramid	100	15
TIDY	100	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.
We recommend using the hot cutting technique to prevent fraying, as cold cutting can cause issues.
When sewing the Textile Flag Mesh 1100, it's advisable to use polyester thread with a weight of 60-40 to increase longevity and maintain the flag's softness.
In general, washing the textile before application isn't necessary. However, if the flag becomes contaminated over time, it can be washed using the delicate cycle of a washing machine without any detergent.

Tips & Tricks

Textile Flag Mesh 1100 is the best option for long durability flag applications. It also provides easier handling and sewing processes than regular flag textiles.
It is highly advisable to keep printing room in proper condition to avoid the static electricity when printing thin synthetic media like polyester textiles (Textile Flag Mesh 1100 in this particular case).
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.