

Textile Mesh 1100-220

2 bar warp-knitted 100% polyester mesh textile with soft feel, wrinkle resistant features. The structure of this textile is very close to regular PVC mesh, offering sufficient tensile and tear resistance.



- End-use:** Building wrapping, wall and fence covering and other indoor/outdoor applications.
- Furnish:** 100% 2 bar warp-knitted polyester textile
- Finish:** Matt.
- Ink compatibility:** DyeSub Direct, DyeSub Transfer.

Technical Target Values

Property	Units	Values	Test method
Coating method	N/A	Dip	N/A
Grammage	g/m ²	220	ISO 3801
Yarn dtex	dtex	61x165	ISO 2060
Tensile Strength	N/5cm	654x1053	ISO 1421
Tear Strength	N	175x181	ISO 5084
Shrinkage, 210°C, 30s	%	<=2	ISO 3759
Recommended calender settings	°C, 1-2min.	190-200	N / A
Cutting method	N / A	Hot	N / A

Certifications

OEKO-TEX STANDARD 100; EN13501-1

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 5000	100	3"

Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Box	N/A	N/A
Pyramid	100	10
TIDY	100	16

Finishing and handling information

We recommend hot cutting only. The fabric may come with some odors and smoke when being cut. When sewing the Textile Mesh 1100-220, it's advisable to use polyester thread with a weight of 70-90 to have good combination of longevity and softness of the final product. The thicker thread might create bulky seams or visible stitching lines.

In general, washing the textile before application isn't necessary. However, if the textile becomes contaminated over time, it can be washed using the delicate cycle of a washing machine without any detergent. Ironing with low temperature.

Tips & Tricks

Consider Textile Mesh 1100-220 as PVC-free alternative to regular PVC Mesh. The textile is sufficiently tensile and tear resistant and may be used outdoor for up to 6 month depending on outdoor conditions.

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.