

Blue Back Paper 1320

Specially designed to be printed with eco-solvent and inks, but also compatible with UV and latex. Excellent printing properties, wet and dry strength as well as gluing characteristics.

End-use: Billboards, outdoor and indoor posters, wall covering (short term promotional purpose).

Furnish: Hardwood and softwood sulphate pulp.

Finish: Matt.

Ink compatibility: Eco-sol, solvent, UV and latex.



Technical Target Values

Property	Units	Values	Test method
Grammage	g/m ²	120	ISO 536
Caliper	µm	135	ISO 534
Whiteness	CIE	100	ISO 11475
Dry opacity	%	>98	ISO 2471
Wet opacity	%	>96,5	ISO 2471
Tensile strength	kN/m	>4	ISO 1924-1
Wet tensile strength	kN/m	>=1,11	ISO 1924-1

Certifications

FSC®, C174435 *

Ink compatibility

Printing side	Compatible inks
Outside	Eco-solvent, solvent, UV and latex
Inside	Not printable

Available sizes

Roll widths (mm)	Roll length (m)	Core (in)
1370, 1600, etc.	100 / 300 / 600	3" / 3" / 6"

Pallet packaging information

Packaging type	Roll length (m)	Number of rolls per pallet
Box	100	24
Pyramid	100 / 300 / 600	21 / 10 / 6
TIDY	300 / 600	12 / 6

Application (gluing) information

The best way to apply glue to blue back paper is by submerging it in a glue bath. The recommended adhesive for this process is a solvent-based acrylic adhesive, which provides a strong and permanent bond to a variety of surfaces.

When dunking the blue back paper into the glue bath, it is recommended to roll the paper rather than folding it. This helps to ensure a smooth and even application of the adhesive across the surface of the paper.

Tips & Tricks

Blue back paper is known to elongate when using the submerging in glue bath gluing technique. Therefore, it's important to take this into consideration before printing the blue back paper, and make adjustments to compensate for any elongation that may occur.

One way to do this is by modifying the dimensions of the printed image. For example, since the blue back paper typically elongates around 2-3%, you could consider reducing the length of the printed image by 2-3% to account for this elongation.

However, it's just a general idea, and it's always best to conduct your own tests!

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.