



permanent



bf



pe



gb



100 mic



uv protection



anti curling



anti waving



## decal pvc free P BF PE GB 100 UVP

PVC Free that offers a 100-micron polypropylene (PP) film with UV protection and stabilization, featuring a permanent greyback adhesive and a clay-coated double PE embossed paper liner of 145 g/m<sup>2</sup>, providing excellent stability during printing. Recommended for a wide range of short- and medium-term promotional applications.

### FACE MATERIAL

- White PP with UV protection.

Finish	White Glossy	White Matte	Tolerance	Norm
	value			
Thickness (µm)	100	100	± 5	GB/T6672
Weight (g/m <sup>2</sup> )	86	86	± 5	GB/T 451.2 - 2002
Gloss (60°C) (%)	75	4	±10/±1	GB/T 9754-2007
Opacity (D65/10°) (%)	> 95	> 95	-	GB/T 1543 - 2005

### ADHESIVE

- Clear acrylic based, permanente greyback

	Value	Norm
Peel Adhesion 20 min steel (N/25mm)	> 11	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 15	FINAT FTM1
Dimensional Stability (mm)	Máx 0,05	FINAT FTM14
Application Temperature (°C)	> 10	
Service Temperature (°C)	-10 a 70	

### LINER

- Clay-coated double PE embossed paper.

	Value	Tolerance	Norm
Thickness (µm)	180	± 10µm	ISO 534
Weight (g/m <sup>2</sup> )	145	± 10%	ISO 536

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### DURABILITY

- Durability: 4 years (unprocessed and when applied in vertical exposure – normal Central European climate).
- STORAGE: 24 months, applicable only to unprocessed material, under the following STORAGE CONDITIONS:
  - This material must be stored at a temperature of 20°C ± 5°C and 50 ± 5% relative humidity, without major climate deviations.
  - The storage area must be dry and clean.
  - Keep the material in its original packaging when not in use, to protect it from dust and contamination.
  - Do not expose to direct sunlight or heat sources.
  - The product should be stored vertically to ensure its quality is not compromised.

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### PRINTING METHODS

- Specially developed for solvent, latex, and UV printing.
- For latex printing, a maximum temperature of 75°C is recommended.
- This product should be protected with the recommended lamination to provide the necessary resistance.
- To achieve the best possible print quality, please ensure that the correct print profiles are used.
- Excessive ink usage on the product will result in altered characteristics, improper drying, delamination, and/or poor product performance.
- Inadequate drying can result in curling, wrinkling, and adhesion failures, affecting the material's performance. A minimum drying time of 48 hours is recommended before any additional processing. Drying should be done with the product unrolled.

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### APPLICATIONS

Applications: Short- and medium-term indoor and outdoor advertising, labels, signage, point of sale, glass surfaces.

Application surface: smooth and non-porous.

**For optimal adhesive performance, do not apply with water.**

This substrate is not recommended for areas with vehicular traffic; flexible or low-energy substrates; non-flat surfaces; painted or unpainted drywall; plaster walls; wallpaper; poorly cleaned or rough surfaces; degraded paint surfaces.

Do not expose to combustible vapors or spills.

The surfaces where the material will be applied must be carefully cleaned and free of dust, grease, or any other contamination that could affect adhesion.

Non-vertical application implies a significant reduction in durability, as well as the effects of climate and solar exposure angles. Before using the film, we recommend allowing it to acclimate to the workplace temperature for at least 24 hours.

Application on wet surfaces or using an application fluid (wet application) may result in adhesive residue remaining on the surface after removal. Since no two surfaces are the same, it is recommended to perform tests before use to verify removal ability. Other factors not described here may influence product performance during use.

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### IMPORTANT NOTES

- Decal is not responsible for the ease or speed of removal of the applied material. It is necessary to consider the appropriate air and substrate temperatures.
- The data provided in this information is based on our practical knowledge and experience. It is intended to be a source of information and does not constitute a guarantee. Subject to change without prior notice.
- The user must determine the material's compatibility with the intended specific application before use.
- We recommend using the same batch of product to complete a job.
- Decal is not responsible for misuse or improper storage, and is never responsible for loss or damage to third parties.

Technical Data Sheet Revision Date: 03/10/24

Approved by: SC

Please visit our website [www.decal-adhesive.com](http://www.decal-adhesive.com) for additional information or request any clarification from our technicians.