



permanent



pe



100 mic



uv protection



anti curling



anti waving



## decal pvc free P PE 100 UVP

PVC Free that offers a 100-micron polypropylene film with UV protection and stabilization, with permanent adhesive and a 135 g/m<sup>2</sup> double-sided PE liner, providing great stability during printing. Recommended for a wide range of short and medium-term promotional applications.

### SUBSTRATE

- White coated PP, with UV protection.

Finish	White Glossy	White Matte	Tolerance	Standard
	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, permanent

	Value	Standard
Peel Adhesion 20 min steel (N/25mm)	> 10	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 15	FINAT FTM1
Shrinkage (mm)	Máx 0,05	FINAT FTM14
Application temperature (°C)	> 10	
Service temperature (°C)	-10 a 70	

### LINER

- PE double side coated

	Value	Tolerance	Standard
Thickness (µm)	148	± 10µm	ISO 534
Weight (g/sqm)	135	± 10%	ISO 536

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### DURABILITY

- Durability: 4 years (unprocessed and when applied under vertical exposure - normal Central European climate)
- Shelf Life: 24 months from the date of manufacture, applicable only to material that has not been processed, and stored according to the following 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 the original package when not in use, in order to protect it from dust and contamination.
- Do not expose to direct sunlight or heat sources.
- The product must be stored vertically, so that 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 must be protected with the recommended lamination in order to provide the necessary strength.
- For the best possible print quality, please make sure you are using the correct print profiles.
- An excessive quantity of ink in the product will result in changes in its characteristics, in inappropriate drying, lamination detachment and / or poor product performance.
- Inadequate drying can result in curls, wrinkles and adhesion failures, which is reflected in the result of the material's performance. A minimum drying period of 48 hours is recommended before any further processing. Drying should be done with the product unrolled.

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### APPLICATIONS

- Applications: Short- and medium-term indoor and outdoor advertising, labels, and 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 the adhesion of the material.
- Non-vertical application implies a significant reduction in durability, as well as climate and solar exposure angles. Before using the film, we recommend that it remains at the workplace temperature for at least 24 hours.
- Application on wet surfaces or the use of an application fluid (wet application) may result in adhesive residue left on the surface after removal. Since no two surfaces are the same, it is recommended to perform tests before use to verify removal capacity. Other factors not described here may influence product performance during use.

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### IMPORTANT REMARKS

- Decal is not responsible for the ease or speed of removal of the applied material. It is necessary to have into account the appropriate air and substrate temperatures.
- The user must determine the material's compatibility with the intended specific application, before using it.
- We recommend that, to carry out a job, the same batch of product is used.
- The data provided in this information is based on our knowledge and experience. It is intended to be a source of information and is not a guarantee. It can be subject to change without previous notice.
- Decal is not responsible for misuse or improper storage, never being responsible for loss or damage to third parties.

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