



removable



pe



100 mic



uv protection



anti curling



anti waving



decal pvc free R PE 100 UVP

PVC Free that offers a 100-micron polypropylene (PP) film with UV protection and stabilization, featuring a removable adhesive and a double-sided PE liner of 135 g/m², providing excellent stability during printing. Recommended for a wide range of short-term promotional applications.

SUBSTRATE

- White PP with UV protection.

Finish	White Glossy	White Matte		
	Value		Tolerance	Standard
Thickness (μm)	100	100	± 5	GB/T6672
Weight (g/m2)	86	86	± 5	GB/T 451.2 - 2002
Gloss (45°C) (%)	75	4	±10/±1	GB/T 9754-2007
Opacity (D65/10°) (%)	> 95	> 95	-	GB/T 1543 - 2005

ADHESIVE

- Clear acrylic based, removable

	Value	Standard
Peel Adhesion 20 min steel (N/25mm)	> 6	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 9	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

decal pvc free R PE 100 UVP

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 $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ and $50\% \pm 5\%$ 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.

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.

APPLICATIONS

- Application surface: flat and non-porous.
- Applications: Indoor advertising of short and medium duration and outdoor of short duration, tags and labels, points of sale, glazed surfaces.
- **For better adhesive performance, do not apply with water.**
- Substrate not recommended for floor graphics (areas with car traffic); flexible or low energy substrates; non-flat surfaces; carton walls painted or unpainted; plaster walls; wallpaper; unclean or rough surfaces; surfaces with degraded paint.
- Do not expose to combustible vapors or spills.
- Surfaces on which the material will be applied must be carefully cleaned and free of dust, grease or any other contamination that may affect the material adhesion.
- Non-vertical application results in a significant reduction in durability, as well as climate and angles of sun exposure. It is recommended that the film remains at least 24 hours at the temperature of the workplace before it is used.
- There may be other factors not described here that may influence the performance in the use.

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.

Revision date of the technical data sheet: 03/10/24
Approved by: SC

Please, check our website www.decal-adhesive.com for additional information or request any clarification needed from our technicians.