



removable



smooth surface



pe



100 mic



anti curling



anti waving



## decal PVC Free RSS dot matrix PE 100

PVC Free that offers a 100 mic polypropylene (PP) film with UV protection, a smooth surface dot matrix adhesive for easy application and repositioning on smooth non-porous surfaces and a 148 gr double side PE liner, which gives great stability to the product. Suitable for short-term indoor applications.

### SUBSTRATE

- Coated PP with UV protection.

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

### ADHESIVE

- Clear acrylic based, smooth surface, dot adhesive easy apply

	Value	Standard
Peel Adhesion 20 min (N/25mm)	> 1	FINAT FTM1
Peel Adhesion 24 h (N/25mm)	> 1,5	FINAT FTM1
Shrinkage (mm)	Máx 0,05	FINAT FTM 14
Application temperature (°C)	> 10	
Service temperature (°C)	-10 to 70	

### LINER

- PE double side coated

	Value	Tolerance	Standard
Thickness (µm)	180	± 10µm	DIN 20534
Weight (g/m <sup>2</sup> )	148	± 10%	ISO 536

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### DURABILITY

- Durability: up to 6 months indoor (unprocessed)
- 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.
- 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

- Application surface: flat and non-porous.
- Applications: Indoor and outdoor advertising of short duration such as, 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.
- Removing the film from hot surfaces (eg shop windows, steel surfaces, etc...) is not recommended as the adhesive may remain on the surface. In these cases we recommend that you cool the surface before removing the material.
- Due to the multiple application areas of this material (combined with various films, PVC sheets or other application substrates) physically determined dimensional change can occur which can be triggered by temperature changes during processing and/or during application.
- There may be other factors not described here that may influence the performance in the 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 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.
- The user must determine the material's compatibility with the intended specific application, before using it.
- The specifications in our datasheets serve as references and are not explicitly intended to be a basis for warranty or guarantee.
- Decal is not responsible for misuse or improper storage, never being responsible for loss or damage to third parties.

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Approved by: SC

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