



## decal vinyl R dot matrix PE 100 BO

Self-adhesive vinyl with a 100-micron monomeric PVC film, high opacity, removable surface dot matrix adhesive for easy application and repositioning on smooth surfaces, and double-sided PE liner of 135 g/m<sup>2</sup>, providing great stability to the product. Suitable for short-term indoor applications.

### FACE MATERIAL

- White calendered and embossed PVC, high opacity, made from monomeric resins.

Finish	White Matte		
	Value	Tolerance	Norm
Thickness (µm)	100	± 10	ASTM D 1593
Weight (g/m <sup>2</sup> )	130	± 10	ASTM D 1593
Gloss (60°C) (%)	≤ 15	± 10	ASTM D 523
Opacity (D65/10°) - %	98,88	-	Digidelta Test Method
Behavior to Fire	B s1 / d0		ISO 13501-1 / ISO 11925-2

### ADHESIVE

- Clear acrylic-based removable adhesive, dot adhesive easy apply.



	Value	Norm
Peel Adhesion 20 min steel (N/25mm)	> 2	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 4	FINAT FTM1
Dimensional Stability (mm)	Max. 0,5	FINAT FTM14
Application Temperature (°C)	> 10	
Service Temperature (°C)	-10 to 70	

### LINER

- PE double side coated.

	Value	Tolerance	Norm
Thickness (µm)	148	± 10µm	ISO 534
Weight (g/m <sup>2</sup> )	135	± 10%	ISO 536

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### DURABILITY

Durability: up to 12 months (untreated), depending on application.

STORAGE: 24 months, applicable only to untreated material, under the following STORAGE CONDITIONS: This material must be stored at a temperature of 20°C ± 5°C and at a relative humidity of 50 ± 5%, without major climatic variations.

The storage area must be dry and clean.

Store 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 so that its quality is not compromised.

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### IMPRESSION METHODS

- Specially developed for solvent, latex, UV, and UV Gel printing on large format printing equipment.
- Since plasticizer migration affects latex print quality, Decal only guarantees this quality for 6 months. After this time, the material must be used for solvent, eco-solvent and UV printing.
- To achieve the best possible print quality, please verify that you are using the correct print profiles.
- Excessive amount of ink on the product will cause changes in its characteristics, improper drying and/or poor product performance.
- Improper drying can lead to curls, wrinkles and adhesion failures, resulting in poor material performance. It is recommended to respect a minimum drying period of 48 hours before any additional treatment. Drying must be carried out with the product unrolled.

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### APPLICATIONS

- Designed for indoor smooth surface applications, such as glass.
- **Water application is not recommended.**
- Not suitable for floor graphics (areas with vehicle traffic); flexible or low-energy substrates; non-flat surfaces; painted or unpainted drywall; plaster walls; wallpaper; dirty or rough surfaces; surfaces with degraded paint.
- Do not expose to combustible vapors or spills.
- The product can be easily removed by peeling it off after its life cycle. Some adhesive residue may remain after exposure to UV rays and high temperatures. Removing it slowly, at a maximum speed of 5 cm/second, will minimize the amount of residue left behind.
- Surfaces on which the material will be applied should be carefully cleaned and free of dust or any other contamination that may affect adhesion.
- Non-vertical application will significantly reduce durability, as well as climate and solar exposure angles.
- Before using the film, we recommend that it stays at the workplace temperature for at least 24 hours.
- Removing the film from hot surfaces (e.g., shop windows, steel surfaces, etc.) is not recommended, as the adhesive may remain on the surface. In such cases, we recommend cooling the surface before removing the material.
- Other factors not described may influence the material's performance.

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### NOTES IMPORTANTES

- Decal is not responsible for the ease or speed of removal of the applied material. Proper air and substrate temperatures must be considered.
- The user must determine the material's compatibility with the specific application before use.
- The data provided in this information is based on our knowledge and practical experience. It is intended as a source of information and does not constitute a guarantee. Subject to change without prior notice.
- We recommend that the same batch of product is used for a job to ensure consistency.
- Decal is not responsible for misuse or improper storage and cannot be held responsible for third-party losses or damages.

Technical Data Sheet Revision Date: 21/10/24

Signatures: SC

Please consult our website [www.decal-adhesive.com](http://www.decal-adhesive.com) for additional information or contact our technical team for clarification.