



## decal vinyl RSS dot matrix PE 100 BO

Self-adhesive vinyl with a 100-micron monomeric PVC film, removable smooth 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 brushed PVC, made from monomeric resins.

Finish	White Matte		
	<i>Value</i>	<i>Tolerance</i>	<i>Norm</i>
Thickness (µm)	100	± 10	ASTM D 1593
Weight (g/m <sup>2</sup> )	130	± 10	ASTM D 1593
Gloss (60°C) (%)	≥ 20	± 10	ASTM D 523
Opacity (D65/10°) - %	98,88	-	Digdelta Test Method
Behavior to Fire	B s1 / d0		ISO 13501-1 / ISO 11925-2

### ADHESIVE

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

	<i>Value</i>	<i>Norm</i>
Peel Adhesion 20 min steel (N/25mm)	> 1	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 1,5	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.

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

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### DURABILITY

Durability: up to 6 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  $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$  and at a relative humidity of  $50 \pm 5\%$ , 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.

### IMPRESSION METHODS

- Specially developed for solvent, latex, UV, and UV Gel printing on large format printing equipment.
- We recommend that latex printing is carried out at a maximum temperature of  $105^{\circ}\text{C}$ .
- 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.

### APPLICATIONS

- Designed for interior applications on smooth surfaces, such as glass. Application with water is not recommended.
- Substrate not recommended for floor graphics (areas with automobile traffic); flexible or low energy substrates; non-flat surfaces; painted or unpainted cardboard walls; plaster walls; wallpaper; poorly cleaned 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 reaching its useful life. Some glue residue may appear after the product has been exposed to UV rays and high temperatures. By removing it slowly, at a maximum speed of 5 cm/second, you will reduce the amount of residue left behind.
- The surfaces to which the material will be applied must be thoroughly cleaned and free of dust or any other contamination that may 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 least 24 hours at workplace temperature.
- 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 these cases, we recommend cooling the surface before removing the material.
- Other factors not described may influence performance during use.

### NOTES IMPORTANTES

- Decal is not responsible for the ease or speed of removal of the applied material. It is necessary to consider adequate air and substrate temperatures.
- The user must determine the compatibility of the material with the specific application they are considering, before use.
- The data contained in this information is based on our knowledge and practical experience. They are intended as a source of information and do not constitute a guarantee. Subject to change without notice.
- The user must determine the compatibility of the material with the specific application they are considering, before use.
- We recommend that the same batch of product be used for a job to ensure consistency.
- Decal is not responsible for misuse or improper storage, and can never be responsible for loss or damage to third parties.

Technical Data Sheet Revision Date: 19/05/25

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.