



removable



pe



100 mic



anti curling



anti waving



decalf vinyl R dot matrix PE 100

Self-adhesive vinyl with a 100-micron monomeric PVC film, removable dot matrix adhesive for easy application and repositioning on smooth non-porous surfaces, and double-sided PE liner of 135 g/m², providing great stability to the product. Suitable for short-term indoor applications.

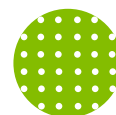
SUBSTRATE

- Clear calendered and brushed PVC, made from monomeric resins.

Finish	Clear Glossy		
	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	100	± 10%	ASTM D 1593
Weight (g/m ²)	117	± 10%	ASTM D 1593
Gloss (60°C) (%)	≥ 90		ASTM D 523
Opacity (D65/10°) - %	-		Digdelta Test Method
Fire Behavior	B s1 / d0		ISO 13501-1 / ISO 11925-2

ADHESIVE

- Clear acrylic-based removable adhesive, smooth and easy to apply.



	<i>Value</i>	<i>Standard</i>
Peel Adhesion 20 min steel (N/25mm)	> 2	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 4	FINAT FTM1
Shrinkage (mm)	Max. 0,5	FINAT FTM14
Application temperature (°C)	> 10	
Service temperature (°C)	-10 a 70	

LINER

- PE double side coated

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

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DURABILITY

- Durability: 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 $20^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 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, UV, and UV Gel printing on large format printing equipment.
- We recommend that latex printing is carried out at a maximum temperature of 105°C .
- Since the migration of the plasticizer affects the quality of the latex print, Decal only guarantees it for 6 months. After that date the material must be used in solvent, eco-solvent and UV printing.
- 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 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

- Advised for application on glass, flat and smooth
- **Application with water is not recommended.**
- 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.
- When applied to PVC surfaces, adhesive residue may remain upon removal.
- Surfaces on which the material will be applied must be carefully cleaned and free of dust 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.
- 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 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.
- We recommend that, to carry out a job, the same batch of product is used.
- 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.

Technical Data Sheet Revision Date: 19/05/25
Signatures: SC

Please consult our website www.decal-adhesive.com for additional information or contact our technical team for clarification.