

TECHNICAL DATA SHEET

Premium PVC Free Bubble Free White Glossy Vinyl

Description:

PVC Free Vinyl that offers a 65 mic coated polypropylene (PP) with UV protection, a permanent adhesive and a 135 g/sqm double side PE liner, which gives it great stability during printing. Recommended for a wide range of medium-term promotional applications

Printing Methods:

- Specially developed for 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.

Applications:

- Application surface: flat
- Applications: Indoor advertising of short and medium duration and outdoor of short duration, tags and labels, points of sale, glazed surfaces.
- This material must be applied without water, otherwise the adhesive may change its behavior.
- 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.

Substrate: White and Clear coated PP, with UV protection.

Finish:	White Glossy	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	65	± 10%	internal testing
Weight (g/m2)	58,8	± 10%	internal testing
Gloss (45°C) (%)	80		ASTM 2457
Fire Behavior	B s1 / d0		ISO 13501-1 / ISO 11925-2



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Adhesive: Clear acrylic based, permanent

	Value	Standard
Peel Adhesion 20 min steel (N/25mm)	> 5	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 12	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)	130	± 10µm	DIN 20534
Weight (g/sqm)	135	± 10%	ISO 536

Durability:

- Durability: 4 years (unprocessed and when applied under vertical exposure)
- 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

Please note:

- Dot Works is not responsible for the ease or speed of removal of the applied material. It is necessary to take 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.
- Dot Works is not responsible for misuse or improper storage, never being responsible for loss or damage to third parties.

