



60 mic



permanent



decal label PP (white matte)

Biaxially oriented polypropylene film, matt white. High performance, high opacity and whiteness. UV stabilization for outdoor applications. Suitable for graphic art or label applications, among others.

SUBSTRATE

- White polypropylene (BOPP)

Finish	Matte		
	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	60	± 10%	Digidelta Test Method
Weight (g/m ²)	60,2	± 10%	Digidelta Test Method
Optical Opacity (%)	80		-
Optical Gloss (85°) (un)	< 30		ASTM 2457

ADHESIVE

- Clear acrylic based, permanent

	<i>Value</i>	<i>Standard</i>
Peel Adhesion (stainless steel/initial - N/25 mm)	6 - 9	FINAT FTM 1
Application temperature (°C)	> 10	
Service temperature (°C)	-10 to 70	
Certification	ISEGA - Food Safety	

LINER

- Glassine

	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	56	± 10%	ISO 534
Weight (g/m ²)	65	± 10%	ISO 536



60 mic



permanent



decal label PP (clear glossy)

Transparent bioriented polypropylene film. High yield, excellent clarity, glossy surface. Excellent hot/cold moisture resistance. UV stabilization for outdoor applications. Suitable for graphic art or label applications, among others.

SUBSTRATE

- Clear polypropylene (BOPP)

Finish	Glossy		
	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	60	± 10%	Digidelta Test Method
Weight (g/m ²)	54,3	± 10%	Digidelta Test Method
Optical Gloss (45°) (%)	90		-
Optical Haze (2,5°) (%)	< 3.0		-

ADHESIVE

- Clear acrylic based, permanent

	<i>Value</i>	<i>Standard</i>
Peel Adhesion (stainless steel/initial - N/25 mm)	6 - 9	FINAT FTM 1
Application temperature (°C)	> 10	
Service temperature (°C)	-10 to 70	
Certification	ISEGA - Food Safety	

LINER

- Glassine

	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	56	± 10%	ISO 534
Weight (g/m ²)	65	± 10%	ISO 536

decal label PP

DURABILITY

- DURABILITY: < 1 year
 - Shelf Life: 6 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

- Suitable for sheet-fed UV and traditional offset and screen processes. For wide-format digital processes, both UV and Latex inkjet printing with excellent results. NOT suitable for solvent/eco-solvent inkjet processes.
 - 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.
 - The suitability test between media, printer and inks is always recommended before use.
-

APPLICATION

- Application surface: not rough.
 - Substrate not recommended for floor graphics (areas with car traffic); flexible or low energy substrates; non-flat surfaces; carton walls and plaster walls; wallpaper; unclean or rough surfaces; surfaces with degraded paint.
 - Printed materials must be dried properly before processing, such as laminating, varnishing or application.
 - 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.
-

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 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.
- Decal is not responsible for misuse or improper storage, never being responsible for loss or damage to third parties.

Revision date of the technical data sheet: 28.03.23
Approved by: SC

Please, check our website www.decal-adhesive.com for additional information or request any clarification needed from our technicians