



permanent



high tack



50 mic



## decalf overlamine polymeric P HT 50

Excellent quality lamination, with 50 mic polymeric PVC with UV protection and stabilization and high performance high tack ultra-crystalline adhesive. Without any milky effect or silvering effect. Ideal for providing protection to vinyl and printing, helping to ensure durability of the application.

### SUBSTRATE

- Clear PVC soft calendered, made from polymeric resins, with UV protection.

Finish	Clear Glossy		
	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	50	± 7	DIN ISO 2286-3
Weight (g/m <sup>2</sup> )	72	± 10%	Digidelta Test Method
Gloss (60°C) (%)	> 50		ASTM D 523
Fire behavior	B s1 / d0		ISO 13501-1 / ISO 11925-2

### ADHESIVE

- Clear acrylic based, permanent high tack

	<i>Value</i>	<i>Standard</i>
Peel Adhesion steel 20 min (N/25mm)	> 15	FINAT FTM1
Peel Adhesion steel 24 h (N/25mm)	> 22	FINAT FTM1
Shrinkage (mm)	Max. 0,3	FINAT FTM 14
Application temperature (°C)	> 10	
Service temperature (°C)	-40 to 80	

### LINER

- Glassine

	<i>Value</i>	<i>Tolerance</i>	<i>Standard</i>
Thickness (µm)	55	± 5	ISO 534
Weight (g/m <sup>2</sup> )	62	± 5	ISO 536

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### DURABILITY

- Durability: up to 5 years (when applied under vertical exposure - normal Central European climate).
- 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.

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### APPLICATION

- Application surface: flat and slightly curved.
- Lamination to protect digitally printed images.
- Printed materials must be properly dried before lamination is applied. The presence of residual solvents can modify the specific characteristics of the products.
- Do not expose to combustible vapors or spills.
- 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.

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### 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.
- 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.

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Please, check our website [www.decal-adhesive.com](http://www.decal-adhesive.com) for additional information or request any clarification needed from our technicians.