BIOND®

PrintingFilms

Biond Bio-Print Film P HT BF 90

Biond product that offers a biobased film, free from plasticizers, with a 90-micron thickness, a permanent high tack adhesive, and a bubble-free liner of 135 g/m², that ensures high stability during printing. Recommended for a wide range of short- and medium-term promotional applications.

Face Film

Bio-based Film with 80% bio-components

Finish	White Glossy	White Matte		
	Value		Tolerance	Standard
Thickness (µm)	90	90	± 5%	Digidelta Test Method
Grammage (g/m2)	100	100	± 10%	Digidelta Test Method
Gloss (60°C) (%)	≥ 75	≤ 15	± 10 %	Digidelta Test Method
Bio-based content (%)	80	80		EN 16640:2017/ASTM D6866
Tensile strenght (MPa)	> 30	> 30		ASTM D412
Elongation (%)	> 250	> 250		ASTM D412
Modulus (MPa)	24	24		ASTM D412
Flammability (FR)	A2-s1, d0	A2-s1, d0		ISO 13501-1/ISO 11925-2
Expected durability	Up to 3 years outdoor and 5 years with Biond overlamination/ Up to 10 years indoor			

Adhesive

Clear acrylic based uv, permanent high tack bubble free adhesive

	Value	Standard
Peel Adhesion 20 min steel (N/25mm)	> 11	FINAT FTM1
Peel Adhesion 24 h steel (N/25mm)	> 28	FINAT FTM1
Shrinkage (mm)	Max. 0,1	FINAT FTM14
Application Temperature (°C)	> 10 °C	
Service Temperature (°C)	-10 a 90 °C	

Liner

Coated double PE embossed paper

	Value	Tolerance	Standard
Thickness (µm)	148	± 5 µm	Digidelta Test Method
Grammage (g/m2)	135	± 5 %	Digidelta Test Method

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Durability

• Indoor: up to 10 years (unprocessed and without sun exposure).
• Outdoor: up to 3 years/5 years with Biond overlamination (unprocessed and applied under vertical exposure normal Central European climate).
• Storage: 24 months, applicable only to unprocessed material under the following STORAGE CONDITIONS:
• Store at a temperature of 20°C ± 5°C and 50 ± 5% relative humidity, avoiding major climatic variations.
• The storage area must be dry and clean.
• Keep 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 to ensure its quality is not compromised.

Printing Methods

• Specially developed for Solvent, Latex, UV and UV gel printing.
• To ensure the best possible print quality, please check that the correct printing profiles are being used.
• Excessive ink application on the product may cause changes in its characteristics, improper drying, delamination, and/or poor product performance.
Inadequate drying may result in curling, wrinkling, and adhesion failures, affecting the material's performance.
• A minimum drying time of 48 hours is recommended before any additional processing. Drying should be carried out with the product unrolled.
• It is recommended that this product be protected with the recommended lamination to provide the necessary resistance.

Applications

• Recommended for applications requiring a permanent high tack adhesive on suitable flat or slightly curved surfaces.
• Performance may vary depending on the surface type, surface energy, paint/coating quality, texture, cleanliness, humidity and installation conditions.
• The user must always test the product on the specific application surface and under the specific installation conditions before full production and installation of the graphic.
It is critical for the user to assess in advance the type and condition of the surface and/or paint/coating where the product will be applied, checking for contamination, loose or flaking paint, surface texture, moisture or cracking.
• Paint and other surface coatings must be fully cured, dry and outgassed according to the instructions of the paint/coating manufacturer.
• The surface must be stable, clean, dry and free from dust, grease or any contamination that could affect adhesion.
• Hidden moisture in the installation surface, for example in walls, may negatively affect the adhesion of the film.
• Adhesive residue and/or damage to the surface may occur upon removal due to the permanent high tack adhesive.
• Not recommended for areas with car traffic, unstable or degraded surfaces, damp surfaces, wallpaper, dusty, greasy, contaminated or highly rough surfaces.
• Application on low surface energy substrates, painted plasterboard/plaster walls or slightly textured surfaces must always be validated by the user through prior testing on the actual surface and under the actual installation conditions.

Important Remarks

• BIOND is not responsible for the ease or speed of removal of the applied material. Suitable air and substrate temperatures must be taken into account.
• The user must determine the compatibility of the material with the specific application before use.
• The data contained in this information is based on our knowledge and practical experience. It is intended as a source of information and does not constitute a guarantee. Subject to change without notice.
• When carrying out a job, we recommend using the same batch of product.
• The user must determine the compatibility of the material with the specific application intended before use.
• BIOND accepts no liability for misuse or improper storage and can never be held responsible for loss or damage to third parties.

Datasheet Revision Date: 27/08/26
Signatures: SC