

Product code: 4-GL3A-04015

RI-JET 50 CAST UV PROTECTED ULTRACLEAR AP923 PERMANENT PET36 MATT

A complete range of self-adhesive solutions for lamination of all large format digital materials. Suitable to protect graphics from deterioration and to provide special finishes: glossy, satin and matt.

Applications

For overlaminating perforated graphics (i.e. RI-View) or where high clarity combined with conformability is required. Before overlaminating wait 24 hours after printing.

Face Material

Ultra gloss clear UV resistant CAST vinyl.

Type	Soft vinyl	
Colour and Finish	Ultra gloss clear CAST	
Weight	70 g/m ² ±10%	ISO-536
Thickness	50 µm ±10%	ISO 534-80
Dimensional stability	< 0.1 %	ASTM D1204
Tensile Strength MD	20 N/mm ²	ASTM D882
Tensile Strength CD	20 N/mm ²	ASTM D882
Elongation at break MD	250 %	ASTM D882
Elongation at break CD	250 %	ASTM D882
Flammability	SELF-EXTINGUISH	ISO 3795:1989
Outdoor vertical exposure durability	UP TO 10 YEARS	

Adhesive

Solvent based acrylic permanent adhesive featuring high cohesion and good water resistance. Designed for a wide variety of substrates such as glass, ABS, PS, PVC. Unsuitable for apolar surfaces (like PE and PP).

Reference	AP923	
Type	Solvent based Permanent Acrylic	
Min. Appl. Temp.	+10 °C	
Service Temperature	-20°C/+130°C	
Shear	Very High	FINAT FTM8
Initial adhesion	> 8 N/25mm	FINAT FTM1
Final Adhesion	> 13 N/25mm	FINAT FTM1

Liner

Type	One side siliconised polyester	
Colour and Finish	Clear/back side matt	
Weight	50 g/m ² ±10%	ISO-536
Thickness	36 µm ±10%	ISO 534-80
Transparency	> 95 %	DIN 53 147-64

Printing Methods

Not printable.

Shelf life

24 months, applicable only to the material delivered by Ritrama which has not undergone further processing, under the storage conditions as defined by FINAT section 2.5:

- Ideal storage conditions are at a temperature of 20 -25 °C and 40 - 50 % HR.
- Store in a cool and dry place.
- Do not store close to a heat source or in direct sunlight.
- Keep the material in the original packaging until required for use.

Pay particular attention to the recommended shelf-life and ensure correct stock rotation.

Disclaimer

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Considering the multiple uses of Ritrama's products, the user is recommended to test the products prior to their use, so to determine and ascertain the suitability and performance of the product for its intended application and purpose.

The methods of conversion and application of Ritrama's self-adhesive materials are multiple and it is therefore essential that the users are aware of the particular method to be used, prior to commencing the production.

Printing: Testing for compatibility between product, printers and inks is always highly recommended before printing the product.

Application Systems and Conditions: it is recommended that the performance of the product be always tested in the actual applications conditions as substrate state (rough, smooth, flat or irregular shapes, moderate curves, with or without rivets); applicator technology (hand application or fully automated lines); specific stress on Ritrama material once applied (high and/or low temperature, mechanical stress, exposure to challenging environment conditions), et cetera.

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