

Product code: 4-GL2C-09537

## RI-JET 50 CAST ULTRACLEAR AP923 PERMANENT PET75 MATT

A complete range of self-adhesive solutions for a total or partial decoration of private, commercial, fleet, safety, emergency vehicles and caravans, as well as for glazed windows surfaces and walls decoration, indoor, outdoor and illuminated signs as well as for fairs and events.

All our self-adhesive materials are suitable for the main large format digital printing techniques: solvent, eco-solvent, Latex and UV ink-jet to meet all market requirements.

### Applications

For advertising and promotional application (window graphics, outdoor and indoor posters, billboards and sign) and for vehicle applications (for flat sided including buses, tram and taxis, corrugated surfaces and vehicle wrapping).

### Face Material

Gloss clear CAST soft vinyl.

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

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

## Liner

Type	One side siliconised polyester	
Colour and Finish	Matt clear	
Weight	105 g/m <sup>2</sup> ±10%	ISO-536
Thickness	75 µm ±10%	ISO 534-80
Transparency	>95 %	DIN 53 147-64

## Printing Methods

The cast RI-JET series of ink jet print media gives excellent print results with UV, solvent, eco-solvent and latex ink jet printing.

## 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

All Ritrama's products are subject to manufacturing controls in order to guarantee the good quality of the products. The statements, technical information, data, values and recommendations regarding Ritrama's products are based on research and tests we believe to be reliable, but do not constitute a guarantee or warranty of whatsoever nature.

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.

As Ritrama's products are used in conditions beyond its control, such as those listed above as example, Ritrama does not assume any liability for inappropriate use of the products.

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