



Product code: 4-GL3B-03642

### RI-JET 205 GLOSS CLEAR AP940 PERMANENT WK135

A complete range of self-adhesive solutions for indoor signs and for a total or partial decoration of commercial and fleet vehicles.

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

### Applications

For advertising and promotional applications (window graphics and outdoor and indoor posters, billboards and signs) and for vehicle applications (flat sided including buses, trams and taxis).

### Face Material

Gloss clear monomeric vinyl film.

<b>Type</b>	Monomeric vinyl	
<b>Colour and Finish</b>	Gloss clear	
<b>Weight</b>	110 g/m <sup>2</sup> ±10%	ISO-536
<b>Thickness</b>	80 µm ±10%	ISO 534-80
<b>Dimensional stability</b>	< 0.5 %	ASTM D1204
<b>Tensile Strength MD</b>	> 35 N/mm <sup>2</sup>	ASTM D882
<b>Tensile Strength CD</b>	> 28 N/mm <sup>2</sup>	ASTM D882
<b>Elongation at break MD</b>	> 110 %	ASTM D882
<b>Elongation at break CD</b>	> 80 %	ASTM D882
<b>Flammability</b>	SELF-EXTINGUISH	ISO 3795:1989
<b>Outdoor vertical exposure durability</b>	UP TO 3 YEARS	

### Adhesive

Acrylic permanent adhesive featuring high clarity and very high cohesion. Designed for a wide variety of substrates such as glass, ABS, PS, PVC. Unsuitable for apolar surfaces (like PE and PP). This adhesive complies with FDA 175.105.

<b>Reference</b>	AP940	
<b>Type</b>	Acrylic permanent	
<b>Min. Appl. Temp.</b>	+10 °C	
<b>Service Temperature</b>	-30°C/+120°C	
<b>Shear</b>	High	FINAT FTM8
<b>Initial adhesion</b>	> 6 N/25mm	FINAT FTM1
<b>Final Adhesion</b>	> 10 N/25mm	FINAT FTM1

## Liner

<b>Type</b>	One side siliconised clay coated	
<b>Colour and Finish</b>	White	
<b>Weight</b>	135 g/m <sup>2</sup> ±10%	ISO-536
<b>Thickness</b>	132 µm ±10%	ISO 534-80
<b>Transparency</b>	n/a %	DIN 53 147-64

## Printing Methods

RI-JET 205 series of ink-jet print media gives excellent print results with the most common digital printing techniques, including, solvent, eco-solvent, UV and HP Latex.

## 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.

Ritrama reserves the right to modify at any time and without the need of a prior notice, at its sole and exclusive discretion, the products, their features and technical specifications.

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