RiTRAMA self-adhesive materials

GRAPHICS

LARGE FORMAT DIGITAL RANGE - POLYMERIC FILMS

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RI-JET 75 OPTIMA GLOSS WHITE AP940 PERMANENT WK135 N

A complete range of self-adhesive solutions for a total or partial decoration of private, commercial, fleet, safety, emergency and recreational vehicles and caravans, as well as for 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 applications (outdoor and indoor posters, billboards and signs) and for vehicle applications (flat sided including buses, trams and taxis).

Face Material

Gloss white polymeric soft vinyl.

Type	Polymeric vinyl	
Colour and Finish	Gloss white	
Weight	103 g/m² ±10%	ISO-536
Thickness	75 µm ±10%	ISO 534-80
Dimensional stability	< 0.2 %	ASTM D1204
Tensile Strength MD	> 22 N/mm²	ASTM D882
Tensile Strength CD	> 22 N/mm²	ASTM D882
Elongation at break MD	> 200 %	ASTM D882
Elongation at break CD	> 150 %	ASTM D882
Flammability	SELF-EXTINGUISH	ISO 3795:1989
Outdoor vertical exposure durability	UP TO 5 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.

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

Liner

Type	One side siliconised coated coated kraft	
Colour and Finish	White	
Weight	135 g/m² ±10%	ISO-536
Thickness	132 µm ±10%	ISO 534-80
Transparency	n/a %	DIN 53 147-64

Printing Methods

The RI-JET 75 series of ink-jet print media gives excellent print results with UV, solvent and eco-solvent ink-jet printing and 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

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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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