RiTRAMA self-adhesive materials

GRAPHICS

LARGE FORMAT DIGITAL RANGE - MONOMERIC FUNCTIONAL

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RI-1867 GLOSS CLEAR AP940 PERMANENT WG62

A complete range of self-adhesive solutions for lamination of all large format printed digital materials. Ideal to protect the graphics to avoid deterioration or damage especially in outdoor exposure.

Applications

Laminating film with a glossy finish for general applications for indoor and outdoor use. Before overlaminating wait 24 hours after printing.

Face Material

Gloss clear monomeric vinyl film UV absorber.

Type	Monomeric vinyl	
Colour and Finish	Gloss clear	
Weight	91 g/m² ±10%	ISO-536
Thickness	70 µm ±10%	ISO 534-80
Dimensional stability	< 0.5 %	ASTM D1204
Tensile Strength MD	> 35 N/mm²	ASTM D882
Tensile Strength CD	> 25 N/mm²	ASTM D882
Elongation at break MD	> 150 %	ASTM D882
Elongation at break CD	> 100 %	ASTM D882
Flammability	SELF-EXTINGUISH	ISO 3795:1989
Outdoor vertical exposure durability	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).

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

Liner

Type	One side siliconised glassine	
Colour and Finish	White	
Weight	62 g/m² ±10%	ISO-536
Thickness	54 µm ±10%	ISO 534-80
Transparency	>43 %	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.

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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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