

Product code: 4-GL2B-03273

### ULTRACRYSTALLINE CLEAR AR866 REMOVABLE/AP906 PERMANENT PET30

A complete range of self-adhesive solutions for lamination films and application of all large format digital material printed with all types of inks: solvent, eco-solvent, latex and UV ink-jet to meet all market requirements.

### Applications

Ultraclear mounting films with two clear filmic liners suitable for 'optically clear' applications.

### Face Material

Double side adhesive construction based on a clear polypropylene carrier.

### Liner

<b>Type</b>	One side siliconised polyester	
<b>Colour and Finish</b>	Clear	
<b>Weight</b>	42 g/m <sup>2</sup> ±10%	ISO-536
<b>Thickness</b>	30 µm ±10%	ISO 534-80
<b>Transparency</b>	> 95 %	DIN 53 147-64

### Adhesive

Solvent based removable adhesive featuring low adhesion and easy and clean removability from plastics and metallic substrates.

<b>Reference</b>	AR866	
<b>Type</b>	Acrylic removable	
<b>Min. Appl. Temp.</b>	+10 °C	
<b>Service Temperature</b>	-20°C/+100°C	
<b>Shear</b>	Medium	FINAT FTM8
<b>Initial adhesion</b>	> 2 N/25mm	FINAT FTM1
<b>Final Adhesion</b>	> 5 N/25mm	FINAT FTM1

## Face Material

<b>Type</b>	Polypropylene	
<b>Colour and Finish</b>	Gloss clear	
<b>Weight</b>	27 g/m <sup>2</sup> ±10%	ISO-536
<b>Thickness</b>	30 µm ±10%	ISO 534-80
<b>Dimensional stability</b>	< 0.2 %	ASTM D1204
<b>Tensile Strength MD</b>	> 200 N/mm <sup>2</sup>	ASTM D882
<b>Tensile Strength CD</b>	> 180 N/mm <sup>2</sup>	ASTM D882
<b>Elongation at break MD</b>	> 105 %	ASTM D882
<b>Elongation at break CD</b>	> 120 %	ASTM D882
<b>Flammability</b>	n/a	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).

<b>Reference</b>	AP906	
<b>Type</b>	Acrylic permanent	
<b>Min. Appl. Temp.</b>	+10 °C	
<b>Service Temperature</b>	-20°C/+140°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

<b>Type</b>	One side siliconised polyester	
<b>Colour and Finish</b>	Clear	
<b>Weight</b>	42 g/m <sup>2</sup> ±10%	ISO-536
<b>Thickness</b>	30 µm ±10%	ISO 534-80
<b>Transparency</b>	> 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

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.

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