

Ri-Mount Ultra-Crystalline

PRODUCT DESCRIPTION / BENEFITS

Ri-Mount Ultra-Crystalline series is an optical clear double-sided self-adhesive film, for mounting photographic and digitally printed images on a substrate.

The carrier is an ultra-clear PP film, coated with 2 adhesives: the first adhesive is a permanent clear solvent-based acrylic, and the second adhesive is either a permanent or a removable clear solvent-based acrylic. A 30µm clear PET liner protects the 2 adhesives.

All products are REACH & RoHS compliant.

TYPICAL USE

- Photographic and digitally printed images mounting on a substrate

CONSTRUCTION

- **Release liner 1:** 30 µm clear PET
- **Adhesive 1:** permanent clear solvent-based acrylic
- **Carrier:** 30 µm ultra-clear PP
- **Adhesive 2:** permanent clear solvent-based acrylic, or removable clear solvent-based acrylic
- **Release liner 2:** 30 µm clear PET

Products:

Perm / Perm adhesive: Code 01228 - **Ri-Mount Ultra crystalline P/P SB**

Perm / Removable: 03273 - **Ri-Mount Ultra crystalline R/P SB**

CONVERTING METHOD

Laminate on the photographic or digitally printed image with a laminator.

APPLICATION METHOD / INSTRUCTIONS FOR USE

Mount the laminated photographic or digitally printed image with the dry application method on clean and degreased substrates.

Application temperature above 10°C.

SHELF LIFE

Shelf life is 2 years, when stored at 23 °C and 50 % relative humidity conditions.

Higher temperatures and/or humidity levels will reduce product shelf life.

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PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Carrier thickness, without adhesive		30 µm	ISO 534-80
Carrier thickness, with the 2 adhesives		65 µm	ISO 534-80
Tensile strength (machine direction)		> 45 N/cm	ISO 527
Elongation at break (machine direction)		> 50%	ISO 527
Dimensional stability (1 week @70 °C on glass)		0.2 mm	FTM 14
Adhesive 1: perm	- adhesion on glass (20 minutes)	5 N/25mm	FTM 1
	- adhesion on glass (24 hours)	7 N/25mm	
	- adhesion on glass (1 week)	14 N/25mm	
Adhesive 2: perm	- adhesion on glass (20 minutes)	8 N/25mm	FTM 1
	- adhesion on glass (24 hours)	11 N/25mm	
	- adhesion on glass (1 week)	14 N/25mm	
Adhesive 2: rem	- adhesion on glass (20 minutes)	3 N/25mm	FTM 1
	- adhesion on glass (24 hours)	5 N/25mm	
	- adhesion on glass (1 week)	7 N/25mm	
Minimum application temperature		+10 °C	
Service temperature		From -40 °C to +90 °C	
PET liner		30 µm	ISO 534-80

QUALITY CERTIFICATION



DISCLAIMER

Information on physico-chemical characteristics and values in this document are based upon tests we believe to be reliable and do not constitute a warranty. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data are subject to change. All Fedrigoni products are sold subject to terms and conditions of sale. For more information, contact your Fedrigoni sales representative. In case of any ambiguities or differences between the English and foreign versions of this document, the English version shall be prevailing and leading.