

Ri-Jet PET Ultra-Clear SB

PRODUCT DESCRIPTION / BENEFITS

Ri-Jet PET Ultra-Clear SB series is a PVC-free self-adhesive film developed for Large Format Digital printing, used for windows graphics.

The ultra-clear face film is a top-coated polyester with an internal stability up to 5 years.

We have 2 printable product versions:

- Ri-Jet PET95 Ultra-Clear SB: for eco-solvent, latex and UV inkjet printing.
- Ri-Jet PET75 Ultra-Clear SB: for latex and UV inkjet printing.

Ri-Jet PET Ultra-Clear SB series is coated with a cleanly removable solvent-based adhesive.

The 36 µm transparent matt PET liner provides product clarity.

Thanks to its high rigidity, Ri-Jet PET Rem SB series is the very easy to install in large format dimension on windows. Once applied on a windows, the film is almost invisible !

All products are REACH & RoHS compliant.

TYPICAL USE

- Windows graphics

CONSTRUCTION

- **Face film:** 75 µm top coated polyester
95 µm top coated polyester
- **Adhesive:** removable clear solvent-based acrylic
- **Release liner:** 36µm transparent mat PET

Products:

(Eco)Solvent, Latex & UV printable: Code 13717 - **Ri-Jet PET95 Ultra-Clear Gloss Rem SB**

Latex and UV printable: 13718 - **Ri-Jet PET75 Ultra-Clear Gloss UV print Rem SB**

CONVERTING METHOD

Specially developed to be inkjet printable.

To achieve the best possible print quality, make sure using the correct ICC profile.

The printed media should dry minimum 24h prior to lamination.

The recommended lamination is Ri-Lam PET20 anti-graffiti film to protect the printed image from UV fading and mechanical abrasion.

APPLICATION METHOD / INSTRUCTIONS FOR USE

Apply on windows only with the wet method, on clean and degreased surface.

Application temperature above 10°C.

EXPECTED DURABILITY

The expected vertical indoor durability in Central Europe (zone 1) is 5 years.

This information is based on real file experience and artificial aging according to ISO 4892-2.

Note: Exposure to severe temperature and ultra-violet light will cause a quicker deterioration. This applies also to polluted area, high altitude, horizontal applications, and south-facing exposure in north hemisphere.

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.

NB: Printing results start to deteriorate after 12 months storage.

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**PHYSICO-CHEMICAL
PROPERTIES / TYPICAL
VALUES**

Face thickness, without adhesive	75 µm 95 µm	ISO 534-80
Face thickness, with adhesive	95 µm 115 µm	ISO 534-80
Tensile strength (machine direction)	> 35 N/cm	ISO 527
Elongation at break (machine direction)	>100%	ISO 527
Dimensional stability (1 week @70 °C on glass)	0,2 mm	FTM 14
Removable adhesive - 20 minutes adhesion on glass	4 N/25mm	FTM 1
- 24 hours	6 N/25mm	
- 1 week	7 N/25mm	
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
PET liner	36 µm	ISO 534-80
Humidity resistance	No effect	200 hours exposure
Water resistance	No effect	24 hours immersion
Detergent (1% solution)	No effect	24 hours immersion
Isopropyl alcohol / Water (20/80)	No effect	10 minutes immersion

**QUALITY
CERTIFICATION****DISCLAIMER**

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