Ri-Jet M100 Removable Black Backed

Fedrigoni 100 Micron Monomeric Digital Vinyl

PRODUCT DESCRIPTION / BENEFITS

Ri-Jet M100 Rem Black series is a self-adhesive film for Large Format Digital printing, especially designed for application on flat surfaces.
The monomeric vinyl, UV stabilised, has an external colour stability up to 3 years, specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing presses.
The 100µm film thickness grants good ink absorption without making the face film too soft, which allows easier application. The removable black adhesive provides a perfect opacity, good adhesion, and easy removability on a wide range of substrates.
The 135 g/m² liner ensures good planarity and printing results.
All our products are REACH & RoHS compliant.

TYPICAL USE

- Short term outdoor advertising: trains, bus, billboards
- Short term indoor advertising: shops and malls, airport terminals, ...
- Temporary point of sale advertising.

CONSTRUCTION

- **Face film:** 100 µm calendered monomeric film
- **Adhesive:** removable black water-based acrylic
- **Release liner:** clay coated kraft paper 135 g/m²

Products:

White Gloss finish: 04236 - **Ri-Jet M100 White Gloss Rem Black**
White Matt: 06500 - **Ri-Jet M100 White Matt Rem Black N**

CONVERTING METHOD

Specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing presses.
To achieve the best possible print quality, make sure that the correct ICC profiles or printer settings are used. The printed media should dry minimum 24h prior to lamination.
We suggest a lamination with Ri-Lam M70 Clear Gloss, Matt or Satin to protect the printed image from UV fading and mechanical abrasion.

APPLICATION METHOD / INSTRUCTIONS FOR USE

Suitable for dry and wet application method on clean and degreased substrates.
Application temperature above 10°C.

EXPECTED DURABILITY

The expected vertical outdoor durability in Central Europe (zone 1) is 3 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	100 µm	ISO 534-80
Face thickness, with adhesive	120 µm	ISO 534-80
Tensile strength (machine direction)	> 25 N/cm	ISO 527
Elongation at break (machine direction)	>150%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)	0,5 mm	FTM 14
Initial adhesion on glass (20 minutes)	4 N/25mm	FTM 1
Adhesion on glass (24 hours)	6 N/25mm	FTM 1
Final adhesion on glass (1 week)	7 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
One side siliconized clay coated paper liner	135 g/m^2	ISO 536

QUALITY CERTIFICATION

QUALITY SYSTEM CERTIFICATION
DNV
ISO 9001

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