

F-Jet M96 PE

PRODUCT DESCRIPTION / BENEFITS

F-Jet M96 PE 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 inks.

The 96 µm film thickness grants good ink absorption without making the face film too soft, which allows easier application.

The permanent adhesive provides a good adhesion while the removable adhesive is easily removable from main substrates.

The 140 g/m² PE coated liner ensures good planarity and printing results.

Product 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:** 96 µm calendered monomeric film
- **Adhesive:** Permanent clear or grey water-based acrylic
Removable clear or grey water-based acrylic
- **Release liner:** PE coated kraft paper 140 g/sqm
Airflow liner: micro-embossed PE coated kraft paper 140 g/m²

Products:

White Gloss finish: Code 14576 - **F-Jet M96 White Gloss Perm PE**
14577 - **F-Jet M96 White Gloss Perm Grey PE**
60048 - **F-Jet M96 White Gloss Perm Grey Airflow**
14578 - **F-Jet M96 Clear Gloss Perm PE**
14579 - **F-Jet M96 White Matt Perm PE**
14580 - **F-Jet M96 White Matt Perm Grey PE**
14581 - **F-Jet M96 White Gloss Rem PE**
14582 - **F-Jet M96 White Matt Rem PE**
14583 - **F-Jet M96 White Gloss Rem Grey PE**
60049 - **F-Jet M96 White Gloss Rem Grey Airflow**
14584 - **F-Jet M96 White Matt Rem Grey PE**

CONVERTING METHOD

Designed for solvent, eco-solvent, latex, and UV inkjet printing. 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 recommend lamination with F-Lam M72 series to protect the printed image from UV fading and mechanical abrasion.

APPLICATION METHOD / INSTRUCTIONS FOR USE

Dry and wet application method on clean and degreased substrates for the product with PE coated kraft liner, while only the dry application method will be used with the Airflow liner.
Application temperature above 10°C.

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SELF-ADHESIVES

TECHNICAL DATA SHEET

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EXPECTED DURABILITY

The expected vertical outdoor durability in Central Europe (zone 1) is 3 years.

This information is based on real life 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	96 µm	ISO 534-80
Face thickness, with adhesive	116 µm	ISO 534-80
Tensile strength (machine direction)	> 25 N/cm	ISO 527
Elongation at break (machine direction)	> 100%	ISO 527
Fire resistance on aluminium	Self-extinguishing	ISO 3795:1989
Dimensional stability (1 week @70 °C on glass)	0,5 mm	FTM 14
Permanent adhesive - adhesion on glass (20 minutes)	9 N/25mm	FTM 1
- adhesion on glass (24 hours)	12 N/25mm	
- adhesion on glass (1 week)	15 N/25mm	
Removable adhesive - 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	
PE coated kraft paper / Airflow liner	140 g/m2	ISO 536

QUALITY CERTIFICATION



DISCLAIMER

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