Ri-Jet P75 Permanent

Fedrigoni 75 Micron Polymeric Digital Vinyl

PRODUCT DESCRIPTION / BENEFITS

Ri-Jet P75 Perm series is a self-adhesive film for Large Format Digital printing, especially designed for medium to long term indoor and outdoor applications, on flat and slightly curved surfaces.
The polymeric vinyl, UV stabilised, has an external colour stability up to 7 years, specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing presses.
The permanent solvent-based adhesive provides good adhesion on a wide range of substrates, available in clear or grey formulation for extra opacity. The 140 g/m² PE coated kraft paper or micro-embossed PE coated kraft paper ensures good planarity and printing results.
All our products are REACH & RoHS compliant.

TYPICAL USE

- Medium to long term outdoor advertising: trains, cars, bus, trucks, ...
- Medium to long term indoor advertising: shops and malls, airport terminals, ...
- Flat and curved substrates.

CONSTRUCTION

- **Face film:** 75 µm calendered polymeric film
- **Adhesive:** permanent clear solvent-based acrylic
  permanent grey solvent-based acrylic
- **Release liner:** PE coated kraft paper 140 g/m²
  Airflow liner: micro-embossed PE coated kraft paper 140 g/m²

Products:

White Gloss finish:	code 05331 -	**Ri-Jet P75 White Gloss Perm SB PE**
	04057 -	**Ri-Jet P75 White Gloss Perm Grey SB PE**
	13851 -	**Ri-Jet P75 White Gloss Perm Grey SB Airflow**
White Matt:	04058 -	**Ri-Jet P75 White Matt Perm SB PE**
	06538 -	**Ri-Jet P75 White Matt Perm grey SB PE**
Clear Gloss:	04053 -	**Ri-Jet P75 Clear Gloss Perm SB PE**

CONVERTING METHOD

Specially developed to be printed with solvent, eco-solvent, latex, and UV inkjet printing inks.
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 to laminate with Ri-Lam P75 Clear Gloss or Clear Matt 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.

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.

Datasheet provided in good faith as the most recent version available but please refer to the manufacturer's website to confirm that the specification has not been altered since.

Datasheet downloaded from MDP Supplies at www.mdpsupplies.co.uk

EXPECTED DURABILITY

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

- White : 7 years.
- Clear : 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.

PHYSICO-CHEMICAL PROPERTIES / TYPICAL VALUES

Face thickness, without adhesive	75 µm	ISO 534-80
Face thickness, with adhesive	95 µm	ISO 534-80
Tensile strength (machine direction)	> 16 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)	0,2 mm	FTM 14
Initial adhesion on glass (20 minutes)	13 N/25mm	FTM 1
Adhesion on glass (24 hours)	16 N/25mm	FTM 1
Final adhesion on glass (1 week)	18 N/25mm	FTM 1
Minimum application temperature	+10 °C	
Service temperature	From -40 °C to +90 °C	
PE coated kraft paper Airflow, micro-embossed PE coated kraft paper	140 g/m² 140 g/m²	ISO 536
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
Sporadic contact with hydrocarbons	No effect	5 minutes immersion

QUALITY CERTIFICATION

QUALITY SYSTEM CERTIFICATION DNV ISO 9001

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.

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