RITRAMA

TECHNICAL DATA SHEET
ISSUE: 1
DATE: 16/08/2021

Ri-Jet P90 Translucent

PRODUCT DESCRIPTION / BENEFITS

Ri-Jet P90 Translucent series is a self-adhesive film for Large Format Digital printing, designed for medium to long term advertisings on light boxes and windows.
The polymeric vinyl, UV stabilised, has an external colour stability up to 5 years, compatible with solvent, eco-solvent, latex, and UV inkjet printing inks. The removable solvent-based adhesive provides good adhesion and clean removability in most cases that's to its high cohesive adhesive.
The 135 g/m² clay coated kraft paper ensures good planarity and printing.
All products are REACH & RoHS compliant.

TYPICAL USE

- Medium to long term indoor/outdoor advertising
- Light boxes graphics
- Windows graphics

CONSTRUCTION

- **Face film:** 90 µm calendered polymeric vinyl
- **Adhesive:** removable clear solvent-based acrylic
- **Release liner:** 135 g/m² clay coated kraft paper

Products:
White matt finish: code 04060 - **Ri-Jet P90 Translucent White Rem SB**

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.

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 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.

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	95 µm	ISO 534-80
Face thickness, with adhesive	115 µm	ISO 534-80
Tensile strength (machine direction)	> 20 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)	5 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	
clay coated kraft paper	135 g/m^2	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

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.