



## INKJET 75 PERM

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INKJET 75 Perm 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/m<sup>2</sup> 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 OR permanent grey solvent-based acrylic
- Release liner: PE coated kraft paper 140 g/m<sup>2</sup>
- Airflow liner: micro-embossed PE coated kraft paper 140 g/m<sup>2</sup>

### Products

White Gloss: Code INKJET75

White matt: Code INKJET75M

Clear Gloss: Code INKJET75KL

Clear Matt: Code INKJET75KLM

### 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 to protect the printed image from UV fading and mechanical abrasion.



## Application method

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

## Technical data

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	140 g/m <sup>2</sup>	ISO 536
Airflow, micro-embossed PE coated kraft paper	140 g/m <sup>2</sup>	

## 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.



## Quality Certification



## 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.

## Disclaimer

All Carl Jensen's products are subject to manufacturing controls in order to guarantee the good quality of the products. The statements, technical information, data, values and recommendations regarding Carl Jensen's products are based on research and tests we believe to be reliable, but do not constitute a guarantee or warranty of whatsoever nature.

Considering the multiple uses of Carl Jensen's products, the user is recommended to test the products prior to their use, so to determine and ascertain the suitability and performance of the product for its intended application and purpose.

The methods of conversion and application of Carl Jensen's self-adhesive materials are multiple and it is therefore essential that the users are aware of the particular method to be used, prior to commencing the production.

Printing: Testing for compatibility between product, printers and inks is always highly recommended before printing the product.

Application Systems and Conditions: it is recommended that the performance of the product be always tested in the actual applications conditions as substrate state (rough, smooth, flat or irregular shapes, moderate curves, with or without rivets); applicator technology (hand application or fully automated lines); specific stress on Carl Jensen material once applied (high and/or low temperature, mechanical stress, exposure to challenging environment conditions), et cetera.

As Carl Jensen's products are used in conditions beyond its control, such as those listed above as example, Carl Jensen does not assume any liability for inappropriate use of the products.

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