



Ref. ARGIPRINT 875 — PP Cast White Water Ink Jet

Matt white cast PP with Water Ink Jet top coating / UV1P permanent hot-melt adhesive / super-calendered liner

DESCRIPTION

Material for permanent labels, suitable for multiple uses and printable with Water Ink Jet systems. Matt white cast polypropylene film with a coating specifically designed for Water Ink Jet printing. UV1P permanent hot-melt adhesive, with high initial tack and high ultimate adhesion, high resistance to sunlight and high cohesion.

QUICK SUMMARY

Facestock: Matt white cast PP, 125 µm

Adhesive: UV1P permanent hot melt

Liner: High-density super-calendered paper

Printing: Water Ink Jet (dye and pigment inks)

Key points

- Application temperature: 0 to +40 °C
- Service temperature: -20 to +50 °C
- High resistance to sunlight
- Suitable for food contact (UV1P adhesive)
- Shelf life: 2 years

KEY ADVANTAGES

- Matt white cast PP film with a top coating specifically for Water Ink Jet printing.
- UV1P adhesive with high initial tack, high ultimate adhesion and high cohesion.
- High resistance to sunlight, as specified for the UV1P adhesive.
- Temperatures: application from 0 to +40 °C and service from -20 to +50 °C.
- Food contact: suitable, as declared for the UV1P adhesive.

RECOMMENDED APPLICATIONS

- Permanent labels for multiple uses.
- Applications requiring printing with Water Ink Jet systems.
- Applications exposed to sunlight, as specified for the UV1P adhesive.

PRINTABILITY

Printable with dye inks and with pigment inks, depending on the printer. Preliminary trials on the printing equipment are recommended.



MATERIAL STRUCTURE

LAYER	CODE	DESCRIPTION
Facestock	PP Cast White Water Ink Jet 130	Matt white cast polypropylene film with a coating specifically designed for Water Ink Jet printing.
Adhesive	UV1P	Permanent hot melt, with high initial tack and high ultimate adhesion, high resistance to sunlight and high cohesion.
Liner	Paper 60 g/m ² (super-calendered)	High-density super-calendered liner paper, suitable for automatic labelling and of good quality for optical reading.

PHYSICAL PROPERTIES

PROPERTY	STANDARD	UNITS	VALUE	TOLERANCE
Facestock thickness	—	µm	125	—
Facestock substance	—	g/m ²	126	—
Adhesive coat weight	FTM 12	g/m ²	20	± 2
Application temperature (adhesive)	—	°C	0 to +40	—
Service temperature	—	°C	-20 to +50	—
Liner thickness	ISO 534	µm	53	—
Liner substance	ISO 536	g/m ²	61	—
Liner transparency	DIN 53147	%	47	—
Liner release	FTM 3	gr/inch	6	± 3

MECHANICAL PROPERTIES

PROPERTY	STANDARD	UNITS	VALUE
Peel adhesion 180° (20 min)	FTM 1 (stainless steel)	N/inch	> 10
Peel adhesion 180° (24 h)	FTM 1 (stainless steel)	N/inch	> 13
Quick stick	FTM 9 (stainless steel)	N/inch	> 15
Shear	FTM 8 (stainless steel)	h	> 15
Tensile strength MD (liner)	ISO 1924	N/cm	50



STORAGE CONDITIONS

PROPERTY	UNITS	VALUE	TOLERANCE
Storage temperature	°C	20–25	—
Relative humidity	%	40–50	—
Packaging	—	Original	—
Light / heat sources	—	Avoid direct sunlight	—
Shelf life	years	2	—

CERTIFICATIONS AND COMPLIANCE

- Food contact: suitable, as declared for the UV1P adhesive.

STORAGE AND SHELF LIFE

Shelf life of 2 years when stored at 20–25 °C and 40–50 % relative humidity, in the original packaging. Do not expose the material to direct sunlight or to heat sources.

USAGE RECOMMENDATIONS

- Check the compatibility of the material with the printer before use.
- Run preliminary trials with dye and pigment inks before production.
- Do not expose the material to direct sunlight or to heat sources.
- Consult Lit-Off for formats and supply conditions.

IMPORTANT NOTES

- The values given are laboratory test results and should not be taken as an absolute reference.
- Users should run their own trials; the manufacturer accepts no liability for improper use of this information.

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