

Water
Oil
Solvent

Product information

Product Description Outdoor paper based on a paper/nylon latex saturated base covered with an ink-receptive coating on one side.

Physical Properties	Weight	225 ± 5 g/m ²	ISO 536	Whiteness CIE	116 ± 5	Elrepho 3000
	Thickness	280 ± 10 µm	ISO 534	L,a*,b* values	97.3; 1.9; -5.5	Elrepho 3000
	Opacity	97 ± 5%	Elrepho 3000	Wet Expansion	3%	
	Tensile Strength	3330 / 2630 PSI	(MD/TD)	Ultimate Elongation	10 / 18%	(MD/TD)
	Initial Tear Resistance	790 / 620 lbs./inch	(MD/TD)	Tear Propagation	103 / 105 lbs./inch	(MD/TD)

Applications / Features Heavyweight paper grade
Suitable for indoor and outdoor inks
High wet-strength properties
High opacity

Indoor/outdoor signage (posters, points of purchase)
Outdoor posters
Presentations / exhibitions

Available Widths (mm)

2"Core:	610	914	1067	1270	1372	3"Core:	914	1372
----------------	-----	-----	------	------	------	----------------	-----	------

Refer for our current offering to www.oce.com

Storage Conditions Shelf life: 1 year
Temperature 10 – 30°C, Relative Humidity 30 - 70%
Repack opened rolls when not in use

Print Conditions Best results are obtained between 15-25°C and 30-65% RH.
Higher humidity will increase drying time, low humidity may cause curling.

Environment, Health & Safety No Material Safety Data Sheet required. Paper waste not suitable for paper recycling.

Printer Compatibility	DG Printers	Ink	Rating	Remarks
	Océ 5350-300, 5350-600	Dye/Pigment	3/3	
	Océ CS 5050/5070/5090	Dye/Pigment	3/3	
	Encad NJ ProE/500/630/700/850/1000i	Dye / Pigment	3/3	
	HP 5000/5500	Dye / Pigment	3/3	
	Epson 7x00/9x00/10000	Dye / Pigment	3/3	
	Epson 7600/9600	Ultrachrome	3	
	Mutoh 4000/6000	Dye / Pigment	3/3	
	Canon 7200/8200	Dye	3	
	Roland Hifi Jet, Mimaki JV4, Kodak 3000	Dye / Pigment	3/3	
	Mimaki JV, RGI Bellise, Mutoh RJ, Agfa Sherpa	Dye / Pigment	3/3	
	Seiko IP4500	Pigment	2	
	CAD Printers		Rating	
	Océ 5150	Dye (BL.: Pigm.)	3	
	Océ 5200	Dye (BL.: Pigm.)	3	
	HP 750C, 500/800, 1050,	Dye (BL.: Pigm.)	3	

3=excellent 2=fair 1=not recommended

Lamination Compatibility

Warm	Cold	Hot
3	3	-

3=excellent 2=fair 1= not recommended

Hot, heat activated 105°C – 130°C
Warm, heat activated 85°C – 95°C
Cold, pressure sensitive

Outdoor Use This paper was designed for outdoor application. When printed with pigmented inks, the material can be applied for short-term outdoor use (up to 6 months) without any lamination.

Colour Profiles Océ develops high-quality colour profiles for media / ink / printer / RIP combinations. Check availability of profiles for your printer on the download section of www.oce.com.



Processing Guidelines



Printing guidelines

It is recommended to use pigmented inks. Although dye-based inks provide a higher color gamut, ink fade can occur. Inks NOT recommended for use are Océ GC, Encad GX, Ilford® Archiva™ and ColorSpan® EnduraChrome inks because premature fading is known to occur.

The outer side of the roll is the side to be printed on

Application Guidelines

Outdoor suitability: to obtain a high degree of water resistance, use only pigmented ink. Lamination is not required. Ink coverage of up to 250% is recommended, because higher ink saturation can affect the waterfast properties and show ink bleed in heavy saturation areas.

Finishing guidelines

-Banner Installation: Improper installation can cause premature banner failure. It is recommended that a professional installer be used.

-Tape & Stitched Hem: Standard high-tack banner tape can be used and is preferred to sewing, as the sewing process can scratch or cause coating pick-off. Follow the guidelines of the tape manufacturer. If sewing, it is recommended that the unlaminated banners be stitched hem side up so that the sewing machine foot comes in contact with only the backside of the banner. For maximum reinforcement, a double-stitched hem with a double lock stitch, with a maximum of five stitches per inch and corner reinforcements are recommended.

-Grommeting: Grommets should be placed in the hemline along the length of the banner so that the grommet is through two layers.

Corner grommets should be placed where the length and width hems cross, so that the grommet is through four layers. An in forced corner is also recommended to increase durability.

Lamination guidelines

A pressure-sensitive overlaminant is recommended.

Overlaminating one side may cause the product to curl towards the laminated side. Let image dry 24 hours before laminating.