

Water
Oil
Solvent

## Product information

**Product Description** Polyester film Front Print with an ink-receptive outdoor coating on one side and a white translucent reverse side for use in backlit applications.

<b>Physical Properties</b>	<b>Weight</b>	250 ± 10 g/m <sup>2</sup>	ISO 536	<b>Opacity</b>	Min. 75 %	Elrepho 3000
	<b>Thickness</b>	170 ± 10 µm	ISO 534			

**Applications / Features**

Lightbox signage	Waterproof coating
Semi-transparent posters	Excellent durability and vivid colours with pigmented inks
Window screens	Good resistance to water (condensation) and fading
	Suitable for flexible and rigid substrates

**Available Widths (mm)**

<b>2"Core:</b>	914	1067	1372	Refer for our current offering to <a href="http://www.oce.com">www.oce.com</a> .
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**Storage Conditions**

Shelf life: 2 years  
 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.

**Environment, Health & Safety**

No Material Safety Data Sheet required.  
 Waste is not suitable for recycling.

<b>Printer Compatibility</b>	<b>DGS Printers</b>	<b>Ink</b>	<b>Rating</b>	<b>Remarks</b>
	Océ 5350 - 300, 5350 - 600	Dye / Pigment	2 / 3	
Océ CS 5050/5070/5090	Dye / Pigment	2 / 3		
Encad NJ Pro-E/500/600/630/700/850/880	Dye / Pigment	2 / 3		
HP 2x00/3x00	Dye / Pigment	2 / 3		
HP 5000/5500	Dye / Pigment	2 / 3		
Epson 7x00/9500/10x00	Dye / Pigment	2 / 3	PQ Gloss Film/1440dpi	
Epson 7600/9600	UltraChrome	3		
ColorSpan DM series	Dye / Pigment	2 / 3		
Agfa Montana	Dye / Pigment	2 / 3		
Mutoh 4000/6000	Dye / Pigment	1 / 3		
Kodak 3000 series	Dye / Pigment	1 / 3		
Agfa Sherpa	Dye / Pigment	1 / 3		
	<b>CAD Printers</b>		<b>Rating</b>	
	Océ 5150/5250, 5200		2	
	HP 500/800/1050 series		2	

3= excellent 2= fair 1= not recommended

**Lamination Compatibility**

Hot	Warm	Cold
1	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** See Printing guidelines overleaf.

**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](http://www.oce.com).



## Processing Guidelines



### Lamination guidelines

The product is designed for indoor and outdoor applications.

For prints remaining outdoors for more than 3 months, an overlamine is recommended.

The product is suited for both pressure sensitive and heat activated low temperature laminates.

Pressure Sensitive cold laminates are recommended for outdoor use.

Allow adequate dry times before laminating.

### Printing guidelines

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

The product is designed to accept high ink loads but increased ink loads will also increase the drying time.

Recommended ink lay-down for pigmented inks max. 250%; Use of composite black is not recommended. (Dye-based inks max 150%).

Use outdoor pigmented inks for outdoor applications.

Outdoor inks yield a smaller colour space, therefore in view-through applications more flat colours should be expected.

Allow the image to dry for 12 hours before exposing to outdoor conditions.

The printed image is vulnerable to mechanical impact when wet. The image durability with dye-based inks will vary depending on use and on exposure to light and UV radiation.

Exposure to direct sunlight (behind window screen) may limit the longevity to only a few days. Keeping the print in dark environments may extend the longevity up to several months.

Some dye-based magenta inks (like Encad GX/ HP5000 Dye/Océ GC ) may exhibit premature fading and cause uneven fading of image colours especially in low covered mixed coloured areas.

The use of pigmented inks will establish excellent indoor and outdoor longevity.

Outdoor: 3 months warranty when unprotected or 1 year for usage behind protective covering (glass, Lexan® etc).

Indoor: 6 months warranty when unprotected or 2 years for usage behind protective covering (glass, Lexan® etc).