

# Océ | IJM354 Inkjet Backlit Film Back Print 135 µm

Water
Oil
Solvent

## Product information

**Product Description** Semi-translucent polyester film coated with an ink-receptive layer on the printable outer side of the roll, while the reverse side (= viewing side) has a glossy look. A universal film suitable for many inkjet printers.

<b>Physical Properties</b>	<b>Weight</b>	192 ± 5 g/m <sup>2</sup>	ISO 536	<b>Whiteness</b>	75 ± 4 CIE	Elrepho 3000
	<b>Thickness</b>	140 ± 10 µm	ISO 534	<b>L,a*b* typical values</b>	92 ; -1.0 ; 1.5	Elrepho 3000
	<b>Opacity</b>	66 ± 3 %	Elrepho 3000			

**Applications / Features**

High-quality light box signage)	Suitable for flexible and non-flat substrates
Displays for trade shows	Excellent tear resistance and durability
Vending and game machine displays	Wide gamut and rich colours in backlit applications
	Specially selected media for Océ CS 5090 Quality Mode (8 colour GC inks)
	After printing the front side is protected

**Available Widths (mm)** **2"Core:** 914 1067 1270 1372 1520 Refer for our current offering to [www.oce.com](http://www.oce.com).

**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.  
A high humidity will increase the drying time. Low humidity may cause curling.

**Environment, Health & Safety** No Material Safety Data Sheet required. Waste is not suitable for recycling.

**Printer Compatibility**

DG Printers	Ink	Rating	Remarks
Océ 5350 – 300	Dye / Pigment	3 / 2	Pigment: needs backlight on to yield good colour
Océ 5350 – 600, CS 5050/5070	Dye / Pigment	3 / 2	Pigment: needs backlight on to yield good colour
Océ CS 5090	Dye / Pigment	3 / 2	Pigment: needs backlight on to yield good colour
Océ 5200	Dye	2	
Océ 5150	Dye	2	High Quality / Film
Encad NovaJet Pro-E	Dye / Pigment	3 / 2	Pigment: needs backlight on to yield good colour
Encad NJ Pro-600, NJ 500/630/700, NJ 850	Dye / Pigment	3 / 2	Pigment: needs backlight on to yield good colour
HP 500 / 800	Dye	3	
HP2x00/3x00	Dye / Pigment	3 / 2	Pigment: needs backlight on to yield good colour
HP 5000	Dye / Pigment	3 / 2	Pigment: needs backlight on to yield good colour
Epson 9000	Dye	3	
Epson 9500	Pigment	1	720 dpi Synthetic Paper
ColorSpan DM series, Agfa Montana	Dye / Pigment	2 / 1	
Mutoh 4000/6000, Roland HiFi Jet	Dye / Pigment	2 / 1	Dye: needs backlight on to yield good colour
Kodak 3000 series, Agfa Sherpa, Mimaki JV	Dye / Pigment	2 / 1	Dye: needs backlight on to yield good colour
CAD Printers		Rating	
HP 750C	Dye	3	
HP 1050 series	Dye	2	Tacky at high ink-loads

3= excellent 2= fair 1= not recommended

**Lamination Compatibility**

Hot	Warm	Cold	
1	3	3	Hot, heat activated: 105°C -130°C
			Warm, heat activated: 85°C – 95°C
			Cold, pressure sensitive

3= excellent 2= fair 1= not recommended

**Outdoor Use** Not suitable for outdoor use.

**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 must be laminated to obtain water-resistance.

The product is suitable for both cold and warm (max 850 °C) lamination.

For warm lamination: dry for at least 24 hours.

Lamination is essential to obtain water-resistance.

Generally lamination will not improve UV resistance (outdoor inks and media should be used when UV resistance is required).

One-sided lamination may cause curling.

Lamination as stated above should take place on the printed side of the product.

The front side of the product is usually not laminated.

### Printing guidelines

Side to be printed is the outer side of the roll.

The use of gloves is strongly recommended.

Daily check/cleaning of cartridges is recommended.

High ink laydown (>240%) is recommended for good colour quality.

Océ colour profiles will improve image quality.

For HP 2x00/3x00 machines, use of the 'Imaging Film Backlit' setting is advised to obtain high ink coverage.

### Application guidelines

This material was not developed for outdoor use.

The use of outdoor inks is not recommended because outdoor inks do not completely soak into the coating layer and will give a rather hazy print when not lit from the rear side.

Indoor inks should be used when good colours are required without backlighting!

When printed with outdoor inks, water-fastness is not applicable.