

# Océ | IJM355 Backlit Display Film Front Pr. 185 µm

Water
Oil
Solvent

## Product information

**Product Description** IJM355 Océ Backlit Display Film Front Print 185 µm is a semi-translucent polyester film coated with a glossy, ink-receptive layer on the outside of the roll and with a matt semi-translucent layer for good backlit visibility on the reverse side.

<b>Physical Properties</b>	<b>Weight</b>	255 ± 10 g/m <sup>2</sup>	ISO 536	<b>Whiteness</b>	60 ± 4	Elrepho 3000
	<b>Thickness</b>	185 ± 5 µm	ISO 534	<b>L,a*b* typical values</b>	91.5 ; -1.4 ; 4.0	Elrepho 3000
	<b>Opacity</b>	62 ± 4 CIE	Elrepho 3000			

<b>Applications / Features</b>	High-quality light box signage	Special top coating
	Displays for trade shows	Matt diffusion layer
	Vending and game machine displays	Excellent tear resistance and durability
		Easy handling, resistant to wrinkling, good feeding properties
		Wide gamut and rich colours in backlit applications, with the lights switched both on and off

<b>Available Widths (mm)</b>	<b>2"Core:</b> 914 1067 1270 1372 15240	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.  
 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.

<b>Printer Compatibility</b>	<b>DG Printers</b>	<b>Ink</b>	<b>Rating</b>	<b>Remarks</b>
	Océ 5350 – 300, 5090	SC/OC/GC	3 / 2* / 3**	
	Océ 5350 – 600, 5050/5070	SC/SC2/OC/GC	3 / 3 / 2* / 3**	
	Encad NovaJet Pro-E	GS/GO/GX	3 / 2* / 3**	
	Encad NJ Pro-600, NJ 500/630/700, NJ 850	GS+/GO/GX	3 / 2* / 3**	
	HP 2x00/3x00	Dye / Pigment	3** / 2*	
	HP 5000/5500	Dye / Pigment	3** / 2*	Colour Fast Vinyl / Durable Gloss UV
	Epson 9000	Dye	3	1440 dpi Photo Im. Gloss
	Epson 9500	Pigment	1	720 dpi Synthetic Paper
	ColorSpan DM series, Agfa Montana	Dye / Pigment	3 / 1	
	Mutoh 4000/6000, Roland HiFi Jet	Dye / Pigment	2 / 1	
	Kodak 3000 series, Agfa Sherpa,	Dye / Pigment	2 / 1	
	Mimaki JV	Pigment	2 / 1	
	<b>CAD Printers</b>		<b>Rating</b>	
	Océ 5150, 5200	Dye	2	5150: Film / High
	HP 1050 series	Dye	1	Poor drying
	HP 500 / 800	Dye	3	Long drying time
	HP 750C	Dye	3	

3 = excellent 2 = fair 1 = not recommended

\* The penetration of outdoor inks, as well as Océ GC and Encad GX inks, in the coating layer is not sufficient for a good rear view image when not illuminated. \*\* The use of Océ GC inks, HP dye inks and Encad GX ink can lead to premature fading of magenta.

<b>Lamination Compatibility</b>	<b>Hot</b>	<b>Warm</b>	<b>Cold</b>	Hot, heat activated: 105°C – 130°C
	1	3	3	Warm, heat activated: 85°C – 95°C
	3 = excellent 2 = fair 1 = not recommended			Cold, pressure sensitive

**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



### Application guidelines

This material was not developed for outdoor use. Outdoor inks can be printed on this film although minor cracking may occur in solid colour fills. At normal Display Graphics viewing distance this will not be a problem. Use of outdoor ink on this film will yield non-fading colours. This film is not water-resistant. Using outdoor inks will yield rather flat colours compared with indoor inks. When printed with outdoor inks, water-fastness is not applicable.

### Printing guidelines

Side to be printed is the outer side of the roll.  
The use of gloves is recommended.  
Daily check/cleaning of cartridges is recommended.  
High ink laydown (> 250%) is recommended for good colour quality. Colour profiles (Océ 5350 / Encad) will improve image quality.  
For HP 2x00/3x00 machines, use of the 'Imaging Backlit' setting is advised to obtain high ink coverage.  
Must be laminated to obtain water-resistance.  
The use of Océ GC inks, HP dye inks and Encad GX ink can lead to premature fading of magenta.  
High-speed settings can lead to banding and mottling.  
Océ Backlit Display Film Front Print will exhibit longer drying times at high relative humidities.

### Lamination guidelines

Reverse side adhesion: good / fair for mounting and encapsulation applications.