

**Banner****Océ IJM552 Outd. Reinforced Vinyl Banner 390 µm**

Water

Oil

Solvent

**Product information**

**Product Description** IJM552 Océ Outdoor Reinforced Vinyl Banner 390 µm is a double layered PVC banner reinforced with a polyester scrim layer treated one side with an inkjet-receptive coating.

**Physical Properties**

<b>Weight</b>	487 ± 20 g/m <sup>2</sup>	ISO 536	<b>Whiteness</b>	108	Elrepho 3000
<b>Thickness</b>	395 ± 15 microns	ISO 534	<b>Tensile strength</b>	63 / 32 lbs/in	(MD/TD)
<b>Opacity</b>	100%	Elrepho 3000	<b>Ultimate elongation</b>	42 / 195 %	(MD/CD)

**Applications / Features**

Outdoor/indoor signage and advertising  
Presentations / exhibitions

Maximum opacity  
Excellent print performance  
High tear strength  
Outdoor durability of up to 6 months (pigmented inks)

**Available Widths (mm)**

**2"Core:** 914 1067 1346 1524 Refer for our current offering to [www.oce.com](http://www.oce.com).

**Storage Conditions**

Shelf life: 6 months. Temperature 22 +/- 5°C, Relative Humidity 30 - 70%  
Due to possible migration of plasticiser, the rolls should be stored hanging from the core plugs inside the box (otherwise striping may result)

**Print Conditions** Best results are obtained between 18-25°C and 20-60% RH.

**Environment, Health & Safety**

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

**Printer Compatibility**

DG Printers	Ink	Rating	Remarks
Océ 5350-300/600	Dye / Pigment	3/3	Premature magenta fading with GC inks
Océ CS 5050/5070/5090	Dye / Pigment	3/3	Premature magenta fading with GC inks
Encad NJ/Pro-E/600500/630/700/850	Dye / Pigment	3/3	Premature magenta fading with GX inks
HP 5000/5500	Dye / Pigment	2/3	Premature magenta fading with dye inks
HP 2x00/3x00	Dye / Pigment	2/3	Premature magenta fading with dye inks
Epson 7500/9500/10x00	Dye / Pigment	3/3	
Epson 7600/9600	UltraChrome	3	
ColorSpan DM series, Agfa Montana	Dye / Pigment	1/3	Premature magenta fading with dye inks
Mutoh 4000/6000, Roland HiFi Jet, Mimaki JV	Dye / Pigment	3/3	
Kodak 3000 series, Agfa Sherpa	Dye / Pigment	3/3	

3 = excellent 2 = fair 1 = not recommended

**Lamination Compatibility**

Hot	Warm	Cold	
1	1	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**

This material is recommended for both indoor and outdoor use. Outdoor durability is up to 6 months, only when pigmented inks are used

**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

When using Océ Reinforced Vinyl for banners or other hanging applications, hemming the edges is recommended.

Standard high-tack banner tape can be used and is preferable to sewing, as the sewing process can scratch or cause coating pick-off. If sewn, it is recommended that the unlaminated banners are stitched hem side up so that the sewing machine comes into contact only with the reverse surface of the banner.

When applying grommets, they should be inserted in double-hemmed edges. Corner grommets should be placed where the length and width hems cross, so that the grommet goes through four layers.

Optimal viewing distance: 3 m

### Outdoor guidelines

Outdoor durability is up to 6 months, only when pigmented inks are used (results may vary based on application and usage). There is a 3 month outdoor warranty on the product (when printed on Océ systems with Océ inks). If laminated properly the warranty will cover 6 months of outdoor use. Please refer to the Océ Warranty document for further information. Dye-based inks will yield better colours, but not water-resistance or resistance to fading.

### Printing guidelines

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

Daily check/cleaning of cartridges is recommended.

Recommended ink laydown max. 250%; use of composite black is not recommended.

Use great care when printing Reinforced Banner on HP machines, make sure that the cutter is disabled, otherwise damage will occur.

Allow the image to dry for a few hours before exposing to water.

Dirt and stains cannot easily be cleaned from the surface.

Inks NOT recommended for use are Encad GX, Océ GC, Ilford® ArchivaT M and ColorSpan® EnduraChrome ink, because premature fading is known to occur.

When printing multiple prints, use material from the same lot. Color output can vary from lot to lot and the same lot can vary when there is prolonged time intervals between printing of the same image.

To optimize print quality, printers should be set for highest print quality.

Due to the heavy gauge of the material, this product can feed through the printers at different rates causing print size to vary from print to print. Applications that require tiling or paneling are not recommended. Images sized in a software application may be printed slightly smaller than anticipated.

### Finishing guidelines

Lamination is not necessary to obtain water-resistance when pigmented (outdoor) inks are used.

Lamination will prevent the image from picking-up dirt.

Lamination will not improve resistance to fading in general (pigmented inks should be used when resistance to fading is required).

Let image dry 24 hours before laminating.

One-sided lamination may cause curling.