

Water
Oil
Solvent/UV

## Product information

**Product Description** IJM639 is a coated transparent polyester film with a high gloss, scratch resistant coating, designed for solvent printing on the front and a light diffusing, anti-static coating on the back.

<b>Physical Properties</b>	<b>Weight</b>	265 g/m <sup>2</sup>	ISO 536	<b>L*a*b values</b>	96; -1; 5	DCI Spectraflash
	<b>Thickness</b>	200 µm	ISO 534			

<b>Applications / Features</b>	Light boxes and other illuminated displays	Built-in diffuser layer for uniform translucency
	Transit displays, point of purchase displays	Water resistant with eco- / and real-solvent inks
	Suitable for areas with high humidity and condensation	Dimensional stable, strong polyester base
	Very high ink capacity for maximum gamut	Good scratch resistance

**Available Widths (mm)** **3" Core:** 1372 1524 Refer for our current offering to [www.oce.com](http://www.oce.com).

**Storage Conditions** Shelf life: 1 year  
Temperature 10 – 30°C, Relative Humidity 35 - 65%  
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.

<b>Printer Compatibility</b>	<b>Printer</b>	<b>Rating</b>	<b>Remarks</b>
	Océ CS6060/6100	3	Use of external dryer strongly recommended
	Océ CS9065/9090 (Low Solvent)	3	Use of external dryer strongly recommended
	Océ CS9065/9090 (Eco Solvent)	3	Use of external dryer strongly recommended
	Océ CS7070/7075/7100	3	
	Océ Arizona series	3	
	Seiko Color Painter 64S /100S	3	Use of external dryer strongly recommended
	HP 8000/9000/10000	3	Use of external dryer strongly recommended
	Mutoh Rockhopper (Eco Solvent Ultra)	3	Use of external dryer strongly recommended
	Mutoh Spitfire (Mild Solvent)	3	Use of external dryer strongly recommended
	Mutoh Toucan/Osprey/Phoenix	3	Use of external dryer strongly recommended
	Agfa Grand Sherpa	3	
	ColorSpan DisplayMaker 72/98 UVX/UVR	3	
	ColorSpan DisplayMaker 72S/98S	3	
	Gandiinnovations Jeti 33xx/5000	3	
	Mimaki JV3 Series	3	
	Roland Soljet/Versacam Series	3	
	NUR, Scitex, Vutek	3	

3= excellent 2= fair 1= not recommended

<b>Lamination Compatibility</b>	<b>Hot</b>	<b>Warm</b>	<b>Cold</b>	
	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** The product is suited for 6 months outdoor use. Results may vary based on application and usage. Very good water resistance is obtained with Eco-Sol-, or Solvent inks.

**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).



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## Processing Guidelines

### Printing guidelines

The coating of IJM639 is specially developed for inkjet printers using solvent and mild/eco solvent-based inks. It is recommended to handle the media with cotton gloves. Make sure that the media comes not into contact with grease, oil, silicon, and dirt to avoid printing defects. Avoid printing CMYK black. Ink-restrictions > 300% are not recommended.

It is recommended to calibrate the printer before printing and to make a test print. Ink restrictions and heater setting have to be set for specific printer ink combinations to obtain the best results. Océ Colour profiles will set recommended ink restrictions and heater-settings for Océ supported printers. The use of an external dryer is strongly recommended for fast drying

### Laminating guidelines

IJM639 can be used outdoor without lamination. However, we recommend protecting its surface if it is subject to abrasion or any other mechanical influences. Cold lamination is advised for protection and obtaining higher contrast and color brilliance.