

Océ | FIN₉₁₅ Ultra Laminating Film Satin 75 µm

- Hot (105-130°C)
- Warm (85-95°C)**
- Cold (<40°C)

Product information

Product Description Satin flexible clear polyester film coated with a heat activated (85–90°C) ethylene co-polymer adhesive. For satin finished digital prints with low reflection.

Physical Properties			
Total Film Thickness	75 µm ± 10 %%		ISO 536
Film Construction (ratio film / adhesive)	12.5 / 62.5		
Tensile strength (MD / TD)	302 / 355 kg/cm ²		ASTM D882A
Elongation at break (MD / TD)	58 / 63 %		ASTM D882A
Bond Strength (laminated to itself)	1429 g / cm		

Applications / Features	Flexible and rigid posters Displays	Good adhesion properties on most substrates. Low melting point adhesive. Superior abrasion resistance. No release liner. Satin look for low-reflective applications. Ideal film for easy and cost-effective lamination and encapsulation. Film contains UV absorptive layer.
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Article numbers	Art. Nr.	Length	Width	3"Core
	97100908	200 m	880 mm	
	97100950	200 m	1040 mm	
	97100967	200 m	1372 mm	
	97100834	200 m	1524 mm	

Storage Conditions Shelf life: 5 years. Temperature 10 – 25 °C, Relative Humidity 10 – 80%
Avoid storage next to heat sources.

Environment, Health & Safety No Material Safety Data Sheet required.



Processing Guidelines

Lamination guidelines

The Océ Ultra range is for indoor applications.

Short term outdoor use, preferably in a dry environment is possible.

The adhesive layer shows only limited water-resistance; ensure that the laminated edges are protected to prevent moisture from penetrating.

The adhesive layer contains an UV absorptive agent for improved lightfading resistance.

The success of improving UV resistance of the underlying image by lamination strongly depends on the ink used.

Pigmented inks are advised for outdoor use or long term UV resistance.

This film is resistant to water, oil, acids and alkalic agents.

Ideal settings for lamination: 75µm

Speed (FPM): 5

Temperature (°C): 85 – 90

Pressure (PSI): 80

Application guidelines

Good drying of the ink is required to obtain proper adhesion.

The inside of the roll is the adhesive side.

The film is designed for warm (heat activated) lamination.

For encapsulation, use films with the same thickness on the front and back to obtain high quality results.

Adjust the roll tension to obtain flat, non-curling output. If the curl is concave when looking at the image, reduce the tension on the top side laminate roll.

If the curl is convex when looking at the image, reduce the tension on the bottom side of the laminate roll.

The Océ Ultra range will give best results with media that have porous coatings