

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

Océ | FIN963 Cold Economy Lam. Film Gloss 80 µm

Product information

Product Description

FIN963 Océ Cold Economy Lamination Film Gloss 80 µm is a monomeric plasticized, calendered laminate film. It is a protective overlaminating film for digitally printed images, followed by application on flat surfaces. The face film is glossy 80 micron transparent, calendered vinyl. The adhesive is permanent clear pressure sensitive, acrylic based. The backing paper is one side coated bleached kraft paper, 87 g/m².

Physical Properties

Thickness [µm]	Facefilm	80	ISO 534
	Facefilm+ adhesive	110	ISO 534
Gloss		70% @ 20°	ISO 2813
Adhesion initial [N/m]		550	FINAT FTM-1 Stainless steel
Adhesion ultimate [N/m]		900	FINAT FTM-1 Stainless steel

Applications/Features

Inkjet printed images (photo papers, polyester, vinyl)

Adds attractive uniform finish to a print
 Protects against UV radiation, abrasion and moisture
 Preferably for indoor use
 Short life outdoor use: up to 2 years

Article numbers

Art. Nr.	Length	Width	3"Core
970 01 116	50 m	1040 mm	
970 01 117	50 m	1067 mm	
970 01 118	50 m	1372 mm	
970 01 119	50 m	1550 mm	

Storage Conditions

Shelf life: 2 years
 Temperature 23 °C, Relative Humidity 50-55%

Environment, Health & Safety

No Material Safety Data Sheet required.

Temperature

Service temperature -40°C to +80 °C



Processing Guidelines

Lamination guidelines

Speed (m/min): 0-2,5

Temperature (°C): 20-35

Pressure (PSI): 50-70

For specific settings on the laminator, please read the technical manual of laminator.

Double-sided lamination in one step is possible; however the laminator should be set to handle 2 release liners

Application guidelines

The inside of the roll is the adhesive side.

The film is designed for cold (pressure sensitive) lamination.

Always set the lamination tension of the overlamine and the printed substrate in such a way that they are laminated flat but without stretching. Improper tension adjustment is the most important cause for wrinkles and possible delaminating. This is caused by the tension difference between the laminate and the print (medium) to be laminated.

Please note that increased roller temperatures in combination with higher winding tension can lead to unwanted elongation of the film and image. Winding tension therefore should be carefully monitored and kept at the appropriate level.

Durability

The outdoor durability is up to 2 years. This is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, outdoor performance will be decreased

The durability of a printed image always depends on the toner/ink, film, processing and exposure conditions.

The specified outdoor durability of up to 2 years is applicable only to the laminating film (not to the image that is laminated).

