Toner
CrystalPoint™
(eco) Solvent
UVgel/UV
Latex

LFM310 Polyester Film 95 µm

Product Description

Polyester film with excellent toner adhesion, sharp lines and high density. The film is suitable as an original on all types of reproduction equipment.

Physical Properties

Total Thickness	95 µm	ISO 534		Elongation at break	130%	ASTM D.882
Relative density	1.395 g/cm³	ASTM D.1505				
Whiteness	>79%	ISO 11475		Smoothness	80 s	TAPPI T.479
Tensile strength	18 daN/mm²	ASTM D.882		Opacity UV	60%	ISO 2471

All values listed are target values

Applications/ features

High quality technical drawings
Overlays

Double matt
Anti static
Excellent dimensional stability
Excellent toner adhesion

Available Widths (mm)

3"core	594	841	914					

Refer for our current offering to www.canon-europe.com/mediaguide

Storage Conditions

Temperature 10-20°C, Relative Humidity 20-50%. Repack opened rolls when not in use.

Print Conditions

Best results are obtained between 10-30°C and 40-70% RH.
Refer also to printer specifications.

Environment, Health & Safety

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

Lamination Compatibility

Cold	Warm	Hot
Yes	no	no

Cold: pressure sensitive
Warm: heat activated: 85°C - 95°C
Hot: heat activated: 105°C -130°C

Outdoor Use

This film is developed for indoor use

Colour Profiles

Canon develops high-quality colour profiles for media / ink / toner / printer / RIP combinations.
Check availability of profiles for your printer on www.canon-europe.com/mediaguide

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Processing Guidelines

Printing guidelines

Allow material to adapt to room conditions for 24 hours before printing. It is recommended to handle the media with cotton gloves.

Make sure that the media does not come into contact with grease, oil, silicon, and dirt to avoid printing defects.

Print results will vary for different printer/ink combinations.

Canon media profiles include recommended ink/toner restrictions and printer parameters. Depending on environment and application, printer parameters may have to be adjusted slightly in order to obtain the best results.

Printing on clear film

Substrate: Printing Clear Films without (white) backing

Printer: Colorado 1640

Challenge/Opportunity: Material is not detected by the printer

Tested locally:

Step 1: Stick a 30x30 cm of white self-adhesive vinyl at the back and in the centre of the clear material roll.

Step 2 : Stick l 15cm wide strip of white self-adhesive vinyl between 35 and 50 cm from the front edge pasted over the entire width.

Step 3: Feed the media normally

Step 4: Start the job. This process takes about 5 min extra work

What you need to know:

It is not possible to calibrate this media because it is not possible for the printer to read

Print without markers. It is not possible for the printer to read the markers

At the end of the job, the media cannot be automatically cut. The printer generates an error. Cut and remove the media manually. Clear the error. 5 min extra work.

Printer is ready for next job.

Advise/Request: Be aware that this is NOT a Canon supported solution. It is just a work around meant to prevent you and your customers from spending time looking for potential solutions. The customer using this work-around is satisfied with it and optimises the process by combining more jobs and sending them all at once. However, be very cautious using this proposition with your customers as it may be very unsatisfactory for them (e.g. one-offs production).

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