Film

LFM450 Contrast Film 123 µm

Product Description	An opaque durable white polyester film for imaging, providing a dense image on a bright white background.

Physical Properties

Thickness	123 µm	ISO 4593		Roughness	100	TAPPI T538
Gloss 60°	< 10	ISO 2813		Opacity (TAPPI)	> 88 %	ISO 2471
Brightness	> 90	ISO 2470				

All values listed are target values

Applications/ features	Posters High quality technical drawings Banner stands Pop-up displays Roll-ups	Excellent image quality Dimensionally stable

Available Widths (mm)

3"core	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.

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

Lamination Compatibility

Cold	Warm	Hot	Cold: pressure sensitive
Yes	no	no	Warm: heat activated: 85°C - 95°C Hot: heat activated: 105°C -130°C

Outdoor Use	Designed for indoor use but also for short-term outdoor use (max 3-4 weeks).

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

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Processing Guidelines

Printing guidelines

LFM450 is compatible with ColorWave printers with CrystalPoint® technology. High quality print-modes are recommended for best results.
To prevent wheel marks on the film's surface, you must avoid images that require high toner coverage.

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. Insert media with care in the printers. Incorrect loading can cause skewing or creasing. Allow material to adapt to room conditions for 24 hours before printing. It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printers.
Ink/toner restrictions and printer settings have to be set for specific printers to obtain the best results. Canon media profiles include recommended ink restrictions and printer settings for Canon supported printers.

Application guidelines

The film can be easily mounted with and removed from double-sided adhesive tape without any problems.
LFM450 can be used without lamination. However, we recommend protecting its surface if it is subject to abrasion or any other mechanical influences. The film has good lamination characteristics.
Make sure that prints are completely dry and that all solvents are evaporated before using LFM450 in Roll-up systems. It is recommended to let the prints dry at least 24 hours.