Toner
Water
(eco) Solvent
UVgel / UV
Latex

Laminated Banners

IJM790 Frontlit Banner Matte PI 340 g/m^2 B1/M1

Product Description

Matte laminated banner B1 and M1 certified. Double sided PVC coated. Printside Inside

Physical Properties

Weight	340 g/m^2	ISO 534
Thickness	265 µm	ISO 536
Tear Strength MD/CD	250/160 N	ISO 13937
Tensile strength MD/CD	585/382 N/5cm	ISO 13934

Base fabric	200x500 18x12	Denier
Flame retardancy	M1	NF P92-507
Flame retardancy	B1	NFPA-701

Applications/ features

Indoor/outdoor banners
Advertising, exhibitions
Excellent price/quality ratio
Good durability
Matte finish
Excellent for UV curable printers

Available Widths (mm)

3"core	1100	1370	1600	3200						

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

Storage Conditions

Shelf life 2 years. Temperature 21°C, Relative Humidity 50%
Repack opened rolls when not in use. Allow material to adapt to room conditions for 24 hours before printing.

Print Conditions

Best results are obtained between 18-25°C and 35–70% RH.

Environment, Health & Safety

No Material Safety Data Sheet required.

Lamination Compatibility

Cold	Warm	Hot
no	no	no

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

Outdoor Use

This coated banner is developed for outdoor and indoor use.

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

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 comes not into contact with grease, oil, silicon, and dirt to avoid printing defects.
Load the media with care in the printers. Incorrect loading can cause skewing or creasing. Use a take-up device to prevent wrinkling.
It is recommended to calibrate the printer before printing and to make a test print. Print results will vary for different printer/ink combinations.
Canon media profiles include recommended settings for ink restrictions and printer parameters. Depending on fluctuations in environment, printer, ink, media and applications, printer parameters may have to be adjusted slightly, in order to obtain the best results.
For high-speed production printing, using an external drying unit is recommended.

Fibres of the scrim may fray at edges of the banner. Remove frays or use edge guides for preventing fibres touching the printheads.
Frays can be removed by fire, using a gaslighter or torch

Application guidelines

Avoid folding a printed banner. Hard creases may not flatten out during installations.
When used for banners or other hanging applications, hemming the edges is recommended. Standard high-tack banner tape as well as sewing, can be used for hemming.
If sewn, it is recommended that the banners are stitched hem-side up, so that the sewing machine comes into contact only with the reverse surface of the banner.
When applying grommets, they should be inserted in double-hemmed edges. Corner grommets should be placed where the length- and width-hems cross, so that the grommet goes through four layers.
For the manufacture of large surface area posters, individual lengths are overlapped by 2-3 cm and best joined up by means of a high frequency welding system. However, such overlap seam welding can also be carried out by means of a hot air welding unit.

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English edition 1015
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