

Laminated Banners

Toner
Water
(eco) Solvent
UVgel / UV
Latex

IJM656 Frontlit Banner, Matt - M1

510 g/m²

Product Description Strong, M1-certified, laminated, PVC scrim banner with a matt, UV topcoat. It consists of a tear-resistant, polyester knitted fabric, laminated with PVC film

Physical Properties

Weight (g/m ²)	510	DIN 30646	Tear Strength* (kgf)	20.6/16	ISO 13937-2:2000
Thickness (µm)	400	ISO 536	Elongation* (%)	23.4/28.4	ISO 13934-1:1999
Tensile Strength* (kgf/5cm)	202.6/180.0	ISO 13934-1:1999	Transmittance (%)	8.5	ASTM E 424 6.6.2
Flame retardancy	M1				

*MD/CD

Applications/features

Indoor / outdoor banners
 Point of Sale applications
 Suitable for stitching & grommeting
 Suitable for thermal/high frequency welding
 Excellent price/quality ratio

Available Widths (mm)

3"core	1100	1370	1600				
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Storage Conditions

Shelf life 18 months. Temperature 22°C, Relative Humidity 50 - 55%
 Repack opened rolls when not in use.

Print Conditions

Best results are obtained between 15-25°C and 35-65% RH.
 Refer to printer specifications.

Environment, Health & Safety

No Material Safety Data Sheet required.

Lamination Compatibility

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

Outdoor Use

The banner is developed for short-term (6 months) outdoor use. The actual outdoor durability will depend on substrate preparation and exposure conditions

Colour Profiles

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

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 Colour 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.

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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