

Frontlit Banner Matt - B1 440

matt 8212 - 440 g/m²

Solvent/UV

Medium weight laminated PVC Scrim banner with a matt UV topcoat designed for Solvent and UV-curable printing. It consist of a tear resistant polyester knitted fabric laminated with PVC films.

Applications / Features

- Indoor/outdoor banners
- Point of Sale applications
- Excellent price/quality ratio

Advantages

- Suitable for stitching & grommeting
- Suitable for thermal/ high frequency welding
- For solvent- mild-, eco-solvent and UV-curable inks

Storage conditions

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

Print Conditions

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

Environment, Health & Safety

No material safety datasheet required.

Outdoor use

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

Lamination

Compatibility

Hot	Warm	Cold
1	1	1
3=excellen	2= fair	1= not recommended

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

Colour Profiles

Sihl DI:rect b.v. develops high quality colour profiles for media / ink / printer / Rip combinations.
Check availability of profiles for your printer at the download section www.sihl.nl or contact us at +31(0)73-6441044.

ING Bank 's-Bosch 67.47.92.742
BTW NL805593445B01
IBAN NL97 INGB 0674 7927 42
BIC/SWIFTCODE INGBNL2A

Op al onze aanbiedingen en overeenkomsten zijn de ICT-Office Voorwaarden van toepassing, gedeponeed d.d. 14 januari 2009 bij de Kamer van Koophandel te Midden-Nederland onder nummer 30174840. De afnemer heeft van deze voorwaarden kennis genomen en verklaart zich akkoord met de inhoud van deze voorwaarden. Op verzoek worden de ICT-Office Voorwaarden kosteloos nogmaals toegezonden.

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List of Printers

Printer	Ink	Quality
Océ CS6060/6100	Solvent	Excellent
Océ CS9065/9090 (low solvent)	Solvent	Excellent
Océ CS9065/9090 (eco solvent)	Solvent	Excellent
Océ CS7070/7075/7100	Solvent	Excellent
Océ Arizona series	Solvent	Excellent
Seiko color painter 64S / 100S	Solvent	Excellent
HP Designjet 8000s/9000s/10000s	Solvent	Excellent
Mutoh rockhopper (eco solvent ultra)	Solvent	Excellent
Mutoh spitfire (mild solvent)	Solvent	Excellent
Mutoh Toucan/Osprey/Phoenix	Solvent	Excellent
Agfa grand sherpa	Solvent	Excellent
ColorSpan display maker 72/98 UVX/UVR	Solvent	Excellent
ColorSpan display maker 72s/98s	Solvent	Excellent
Gandiinnovations Jeti 33xx/5000	Solvent	Excellent
Mimaki JV3 series	Solvent	Excellent
Roland Soljet/Versacam series	Solvent	Excellent
NUR, Scitex, Vutek	Solvent	Excellent

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Physical Properties

Weight	440 g/m ²	DIN 30646	Tear Strength *	11.1/15.5 kgf	ISO 13937-2:2000
Thickness	360 µm	ISO 536	Elongation *	22.2/29.3 %	ISO 13934-1:1999
Tensile strength *	139/116 Kgf/5cm	ISO 13934-1:1999	Transmittance	9.5 %	ASTME 424 6.6.2

Available widths (mm)

3"Core 1100 1370 1600 1850 2200 2500

Printing guidelines

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 the banner with care in the printers. Incorrect loading can cause skewing or creasing. Use a take-up device to prevent wrinkling. 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 printer ink combinations. Ink restrictions and heater setting have to be set for specific printer ink combinations to obtain the best results. Sihl Di:rect by Colour profiles will set recommended ink restrictions and heater-settings for supported printers.

Application guidelines

Avoid folding a printed banner. Hard creases may not flatten out during installations. When using for banners or other hanging applications, hemming the edges is recommended. Standard high-tack banner tape can be used as well as sewing. 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 doublehemmed edges. Corner grommets should be placed where the length and width hems cross, so that the grommet goes through four layers.

The data provided in this product data sheet are values for orientation only.

Before using our print media please check their suitability for your printer and for your intended application. We do not take any liability for failures or damages resulting from technically modified printing inks and/or printers as technical specifications are subject to change.

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