



MATERIALS FOR INKJET

DESCRIPTION: Solit 500
Un-supported banner material
PRODUCT CODE: MBBOUPS510---/030



PRODUCT DESCRIPTION:

Solit 500 is a white 510gr blockout double sided printable face without a scrim/base fabric, which is digitally printable for indoor and short term outdoor signage.

APPLICATION:

Especially suited for full colour graphics with typical end uses like banners, roll-up banners, banner stands and hanging banners.

USABILITY:

Can be used on most piezo solvent and other solvent/continuous & UV inkjet printers (not suitable for dye and pigment inks). Can also be used in screen printable applications.

PRODUCT COMPOSITION:

- Layer 1: White printable PVC film – with satin/matt finish
- Layer 2: Black Printing on PET film (blockout function)
- Layer 3: White printable PVC film – with satin/matt finish

PRODUCT ADVANTAGES:

- Weather resistant
- Excellent solution for high DPI Graphics with good printability
- Smooth & flat surface without woven texture without curling at the edges
- High temperature resistance
- Starflex PVC formula to prevent pollution, slow plasticizer migration down and assist with ink adhesion
- Treatments - special (on request)
 - Cold-crack (constant temperature lower than -20 C)
 - Flame retardant (additional)
 - Extra treatments to increase weatherability and prolong life to exceed the warranty

Please note:

When transporting this printed product, please ensure the banner is **stored flat or rolled onto a core** of some sort for support. This product does not have a scrim/base fabric and will fold and damage in transport if not protected.



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PRODUCT SPECIFICATION:

PROPERTIES	TEST ITEM	UNIT	RESULT
Application			Blockout
Break elongation	ISO 13934-2 : 1999 C.R.E. CUTSTRIP method	%	Warp : 25.3 Weft : 27
Tensile Strength	ISO 13934-1:1999 C.R.E CUTSTRIP method	KGF/5CM	Warp : 207.5 Weft : 181.5
Adhesion Strength	ISO 2411 C.R.E.	KGF/5CM	13
Tearing Strength	ISO 13937-2:2000 C.R.E Single tear	KGF	Warp : 15.8 Weft : 16
Right angle tearing Strength		KN/m	n/a
Thickness		mm	0.4mm (+/-0.02mm)
Resistance to low temp.	DIN 53351 -20C, 5hours	%	Warp : 97.8 Weft : 97.7
Resistance at high temp.	DIN 53351 80C, 5hours	%	Warp : 97.3 Weft : 97.1
Resistance to weathering UV B system	ASTM G26, Xenon arclamp, 18min spray/2 hours, 100 hours exposure		No change
Colour			White/Black/White
Cold crack			-20C
Print applicability			Eco-, Solvent and UV-curable inks
Starflex PVC formula			YES
Anti-oxidant			YES
Base fabric (Un-supported PVC)			None/without scrim
Width		cm	Max. 2.30m
Laminated material			PVC
Finished weight	DIN53352	gr/m ²	510
Durability		Year	3

STORAGE INSTRUCTIONS:

In order to avoid any loss of quality, the M-Jet Solit 500 banner material should be stored in the following conditions:

- Temperature: 10 - 30°C
- Relative Humidity: 35 - 65%