



MATERIALS FOR INKJET

DESCRIPTION: DIGIFLEX FLITE - Black-out
PRODUCT CODE: MBBOLEM280----/050



PRODUCT DESCRIPTION:

Material is a pure white 280gr face and black back, which is digitally printable for indoor and outdoor signage.

APPLICATION:

Especially suited for full colour graphics with typical end uses like banner, billboard or any application where a block-out function is needed.

COMPATIBILITY:

Can be used on solvent, eco solvent, UV curable and Latex printers (not suitable for dye and pigment inks). Can also be used in screen printable and self-adhesive vinyl applications

PRODUCT COMPOSITION:

- Layer 1: White printable PVC film—with matte finish providing brilliant resolution with consistent ink adhesion. (Compatible with most of the printers)
- Layer 2: High tenacity low shrinkage polyester warp knitted fabric—Specially designed warp knitted fabric with extra binding yarn for higher stability and strength.
- Layer 3: Pure black flexible PVC film—a special designed black back side to fully stop light.

PRODUCT ADVANTAGES:

- Weather resistant (UV, rain, fungi and frost)
- Specially designed for billboard market – light weight but very good impact resistance and tearing strength
- Excellent printability
- Smooth and Flat surface
- Anti-dirty and easy to wash in water
- Treatments - **additional option**
 - Flame retardant
 - Acrylic coated to prevent pollution and slow the plasticizer migration process (on request)
 - Cold-crack (constant temperature lower than -20°C on request)
 - Wick resistant – (not only prevent but stop yarn contamination on request)



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PRODUCT SPECIFICATION:

PROPERTIES	TEST ITEM	UNIT	RESULT
Application			Block-out
Transmittance	ASTM E 424 6.5.2	%	N/A
Tensile Strength	ISO527	N/5CM	L:800 W:750
Tearing Strength	ISO4674	N	L:205 W:170
Elongation at break		%	L:25 W:25
Adhesion strength	DIN 53357		No delamination
Resistance to low temp.	ASTMD1790	°C	-20 °C
Resistance at high temp.	ASTMD1790	°C	70 °C
Resistance to weathering UV B system	ASTM G 154 CYCLE1 UV 8 hours 60°C condensation 4hours 50°C 100hours		No change
Colour			White & Black
Print applicability			Dot or Airbrush
Anti-oxidant			Yes
Flame Resistance	DIN 4102		NFPA 701, B1, M2
Base Fabric Yarn Dtex	DIN 60001 DIN EN ISO 2060	Polyester	Polyester 1000D*1000D
Fabric density		Tread/inch	6*6
Laminated material			PVC
Finished weight	DIN53352	gr/m ²	280
Weather resistance		Years	1-2

STORAGE INSTRUCTIONS:

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

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