



## MATERIALS FOR INKJET

**DESCRIPTION: Backlit banner material**  
**PRODUCT CODE: MBBLLEG550----/050**



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### PRODUCT DESCRIPTION:

Material is a pure white 550gr translucent face, which is digitally printable for indoor and outdoor signage.

### APPLICATION:

Especially suited for full colour graphics with typical end uses like banner, backlit billboard or light box applications.

### COMPATIBILITY:

Can be used on most piezo solvent, other solvent/continuous inkjet printers and **UV** curable roll-to-roll 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 calendared printable PVC film – with satin finish (Compatible with most printers)
- Layer 2: High tenacious/low shrinkable polyester warp knitted fabric (Specially designed warp knitted fabric with extra binding yarn for stability and strength. Flat stitch)
- Layer 3: White calendared PVC film with ultra-matte finish to avoid damage to print side.

### PRODUCT ADVANTAGES:

- Weather resistant (UV, rain, fungi and frost)
- Tear/impact resistance
- Excellent Printability
- Good Light transmission and whiteness
- Flame retardant available
- Super smooth surface
- High temperature resistance
- Treatments – standard
  - Flame retardant, UV resistant, mildew resistant, anti-oxidant
- Coating: Special (On request)
  - Acrylic coated to prevent pollution and slow the plasticizer migration process.
- Treatments - special (on request)
  - Cold-crack (constant temperature lower than -10 C)
  - Flame retardant (additional)
  - Wick resistant - not only prevent but stop yarn contamination
  - Extra treatments to increase weatherability and prolong life to exceed the warranty



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### PRODUCT SPECIFICATION:

PROPERTIES	TEST ITEM	UNIT	RESULT
Application			Backlit
Transmittance	ASTM D1003	%	~ 10
Tensile Strength	DIN EN ISO 1421	Warp Weft	950N/5cm 690N/5cm
Tearing Strength	DIN 53363	Warp Weft	170N/5cm 130N/5cm
Adhesion strength	DIN 53357		No delamination
Cold crack			
Resistance to low temp.	DIN 53351	°C	-20 °C
Resistance at high temp.	DIN 53351	°C	50 °C
Resistance to weathering UV B system	ASTM G 26, Xenon arclamp, 18 min spray/2hrs, 100hours, exposure		No change
Colour			White
Flame Resistance	DIN 4102		NFPA 701, B1, M2
Print applicability			Dot or Airbrush
Acrylic coating (face /back)			On request
Anti-oxidant			Yes
Base Fabric Yarn Dtex	DIN 60001 DIN EN ISO 2060		Polyester 500D*500D
Fabric density		Tread/inch	18 *12inch
Laminated material			PVC
Finished weight	DIN53352	gr/ m <sup>2</sup>	550
Durability		Years	1

### STORAGE INSTRUCTIONS:

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

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