

**PRODUCT DESCRIPTION:**

Material is a pure white 440gr face, which is digitally printable for indoor and outdoor signage.

**APPLICATION:**

Especially suited for full colour graphics with typical end uses like banner, billboard and other promotional applications.

**USABILITY:**

Can be used on most piezo solvent printers and other solvent or continuous inkjet printers. (not suitable for dye and pigment inks). Can also be used for self adhesive vinyl applications and screen printing.

**PRODUCT COMPOSITION:**

- Layer 1: Laminated warp knitted polyester scrim.
- Layer 2: Flexible calendared vinyl film (double sided)
- Layer 3: Anti-UV acrylic lacquer (ink adhesion)

**PRODUCT ADVANTAGES:**

- Weatherability
- Tear/impact resistance
- Good printability
- Whiteness
- Smooth surface
- High temperature resistance
- Treatments – standard
  - U.V. resistant
  - Anti-oxidant
- Treatments - special (on request)
  - Cold-crack (constant temperature lower than -10°C)
  - Flame retardant
  - Wick resistant - not only prevent but stop yarn contamination
  - Extra treatments to increase weatherability and prolong life to exceed the warranty

## **PRODUCT SPECIFICATION:**

PROPERTIES	TEST ITEM	UNIT	RESULT
Application			Frontlit
Transmittance	ASTM E 424 6.5.2	%	N/A
Tensile Strength	ISO 13934-1:1999 C.R.E cut strip method	Warp Weft	721N/5cm 535N/5cm
Tearing Strength	ISO 13934-1:1999 C.R.E cut strip method	Warp Weft	100N/5cm 80N/5cm
Adhesion strength	ISO 2411. C.R.E	KGF/5CM	80N/5cm
Low temperature	DIN 53351	°C	-20°C
Resistance at high Temperature	DIN 53351	°C	70°C
Resistance to weathering UV B system	ASTM G 26, Xenon Arclamp, 18 min spray/2 hrs, 100 hrs exposure		No change
Colour			White
Flame retardant pass			
Print applicability			Dot or Airbrush
Acrylic coating (face/back)			Yes
Anti-oxidant			Yes
Base Fabric		Type Polyester	300D*500D
Laminated material			PVC
Fabric density		Tread/inch	18*3
Finished weight		gr/m <sup>2</sup>	400
Weather resistance		Years	1

## **STORAGE INSTRUCTIONS:**

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

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