



MATERIALS FOR INKJET

**DESCRIPTION: 280µm PVC/PET MATERIAL
(SOLVENT INKS)
PRODUCT CODE: MFPVCPET2800914/050**



Material is a 280µm front print PVC (Face Film), PET (Back Film) film, specially developed for sophisticated graphics, which can be used in Roll-up Banner stands applications. The print side is treated with a high density ink receiving layer for heavily saturated images without bleeding. This coating is fast drying, and is white satin on the print side and gray on the non-print side. This special coating protects the image from oxidation and fading, which significantly extends the life of the image.

APPLICATION:

Have been especially designed for use in Roll-up banner stand applications. The prints are mainly used with trade shows, casino signage, airport applications, retail promotions, display units, show rooms, product launches etc. Also suitable for short run packaging applications – (Print, cut & score or die-cut.)

USABILITY:

Can be used on most inkjet printers for indoor use, but has been **specifically** developed for use with **full solvent, eco, low and mild solvent inks, Latex & UV inks** (see our compatibility list).

RECOMMENDED INKS:

- For Indoor Use: Solvent inks, eco-solvent inks, mild solvent and low solvent inks

PRODUCT COMPOSITION:

- Face Film: ± 100 µm special inkjet film of PVC with a high-quality inkjet coating.
- Glue-Gray: ± 30µm Acrylic adhesive
- Back Film: ± 150 µm PET film

PRODUCT ADVANTAGES:

- High image quality / excellent full colour prints.
- High edge sharpness/and contrast.
- High resolution / Faster drying time.
- Best ink absorption / superior saturation.

PRODUCT SPECIFICATION:

CHARACTERISTIC	METHOD	UNIT	VALUE
Composition	JIS Z0237	mm	0.280±0.020
Face Film – PVC	JIS Z0237	mm	0.100±0.010
Adhesive – Grey Acrylic	JIS Z0237	mm	0.030±0.005
Back Film - PET	JIS Z0237	mm	0.150±0.010



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Basic Weight		Gram/m ²	380±20
Physical & Chemical Property			
Ball Tack	JIS Z0237	No.	
180° Peel Adhesion	JIS Z0237	g/25mm-20min	
	JIS Z0237	g/25mm-24hr	
90° Release Force	JIS Z0237	g/50mm	
Holding Power	JIS Z0237	mm	
Opacity			75↑
Glossy – Degree/60° Angle	ISO2813	°C	20±10
Heat resistance		°C	+80°C
Cold resistance			+5°C
Tensile Strength	JIS Z0237	G/10MM	10000↑
Elongation	JIS Z0237	%	
Shrinkage		%(80°C X 48HRS)	
*Durability	ISO 4892-3 (1000hrs)	YEAR	1 year
Standard: JIS Z0237: Testing methods of pressure sensitive adhesive tapes and sheets. ISO 2813: Paints & varnishes – Determination of specular gloss of non-metallic paint films at 20°, 60° and 85° ISO 4892-3: Plastics – Methods of exposure to laboratory light sources – Part 3: Fluorescent UV lamps (Method A-1) Holding Power: 25mm*25mm*1kg*24hrs*23°C (Distance of Displacement)			

*However, this doesn't give any guarantee for the life of the print, as this depends on too many other factors like the inks used etc., and a Laminate which is always necessary in case the print will be exposed to mechanical friction, very high temperatures etc., can prolong the life span considerably, and can give the print a high-gloss or matt finish.

STORAGE INSTRUCTIONS:

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

- Temperature: 5 - 40 °C
- Relative Humidity 35 - 75 %

Shelf life: 12 Months (The actual shelf life is longer if storage conditions – see above – is perfect)