



Digital White 6050PE series

4 year monomeric vinyl film

PRODUCT DESCRIPTION

FACE MATERIAL: 6050	75µ White gloss, monomeric stabilized, soft calendered PVC film.
FACE MATERIAL: 6051	75µ White matt, monomeric stabilized, soft calendered PVC film.
FACE MATERIAL: 6052	75 µ Clear gloss, monomeric stabilized, soft calendered PVC film.
ADHESIVE :	Permanent clear acrylic adhesive
LINER :	PE coated Kraft liner 140 gsqm

TYPICAL USES

Short to medium term outdoor advertising or promotion on flat surfaces.

PRINTING

Especially designed for solvent based & UV inkjet printing on wide-format printing equipment. The PEcoat liner is particularly indicated for printers using 'eco-solvent' or 'mild solvent' inks giving superb print results for high quality & high resolution printing.

To achieve the best possible print quality, please make sure that the correct ICC profiles or printer settings are used. Profiles can be downloaded, free of charge, from our web site http://www.multi-fix.com/download/profiles_icc.html.

PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	Average values	Test method
Adhesive Data, 23°C Quick Tack on glass Peel 24 hours on glass	16 ± 3 N/25 mm 18 ± 4 N/25 mm	FTM 9 FTM 1
Dimensional stability shrinkage : 48 hours at 70°C (applied on aluminium)	max 1.0 mm	FTM 14
Flammability	Self-extinguishing when applied on Alu panels	
Temperature ranges Minimum application temperature: Service temperature range:	+ 10°C - 20°C to + 70°C	

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

DURABILITY

The outdoor durability of the unprinted film is 4 years.

Overlamination of the inkjet printed material delays eventual colour fading that may occur upon time. This colour fading is dependent from the quality of the inkjet inks and the self-adhesive materials being used.

We recommend the use of our laminating films **6502** (semi-matt) / 6503 (matt) / **6504**(gloss) or **6510-6511**.

Multi-Fix denies responsibility for product failure if non-Multi-Fix laminating films are used for the application.

CHEMICAL RESISTANCE

Digital White 6050 series are resistant to most oils and fats, fuels, aliphatic solvents, mild acids, salts and alkali such as:

Test agent	Test period	Test result
Salt water at 10°C to 75°C	2000h	No effect
Motor Oil 20W/50W	500h	No effect
Transmission Fluid	500h	No effect
Anti-Frost liquid	500h	No effect
Petrol	24h	No effect

Test method: Samples of Digital White 6050 series were applied to enamelled steel-sheet one hour before testing. Samples were immersed in the specified test-agent at room temperature then removed after the indicated testing period.

RECOMMENDATIONS

Always test the combination of Digital White print media, inks and laminating film prior to commercial use.

Laminating conditions: Please ensure the print is perfectly dry. The printed material should be left to dry for at least 48 hours prior to lamination or transport.

Don't take shortcuts when drying graphics!

Drying of the graphics can be accelerated by passing a cold air flow over the print by means of an air blower mounted at the bottom of a drying fan.

IMPORTANT NOTICE

All Multi-fix products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning Multi-fix products is based upon research which the Company believes to be reliable although such information does not constitute a warranty.

Because of the variety of uses of Multi-fix products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages. All specifications are subject to change without prior notice.