XCAL POLY Print POP2-T

7 year polymeric vinyl film

PRODUCT DESCRIPTION

FACE MATERIAL :	75µ White gloss, polymeric stabilized, soft calendered PVC film.
ADHESIVE :	Permanent clear acrylic solvent adhesive
LINER :	White PE coated Kraft liner 140g/sqm

TYPICAL USES

Long term outdoor advertising or promotion on flat or curved surfaces.

PRINTING

Especially designed for solvent based & UV inkjet printing on wide-format printing equipment. To achieve the best possible print quality, please make sure that the correct ICC profiles or printer settings are used.

PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	Average values	Test method
Adhesive Data, 23°C Quick Tack on glass Peel 24 hours on glass	 12 ± 3 N/25 mm 18 ± 3 N/25 mm	 FTM 9 FTM 1
Dimensional stability shrinkage : 48 hours at 70°C (applied on aluminium)	max. 0.5mm	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 7 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 XCAL POLY Laminate . XCAL denies responsibility for product failure if non-XCAL laminating films are used for the application.

CHEMICAL RESISTANCE

XCAL POLY Print POP2-T is resistant to most oils and fats, fuels, aliphatic solvents, mild acids, salts and alkali such as:

Test agent	Test period	Test result
Salt water 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

RECOMMENDATIONS

Always test the combination of XCAL POLY Print Translucent, 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.