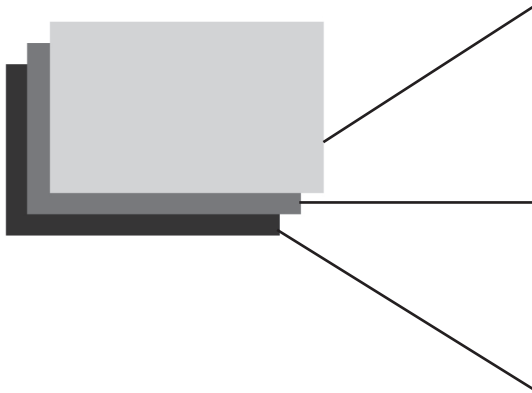


# WindowFX UV Permanent

## Technical Data Sheet



**Facestock:** 50 mic gloss ultra-clear polyester offers excellent optical clarity and dimensional stability combined with good solvent, humidity and elevated temperature and UV resistance. Designed to be UV digitally printed.

**Adhesive:** NPL ultra-clear UV stable permanent acrylic adhesive has excellent chemical, humidity and temperature resistance. NPL has been specifically developed for clear film applications requiring excellent optical clarity, flow out properties and resistance to ooze.

**Liner:** 50 mic clear polyester release liner designed to ensure adhesive smoothness and optimum adhesive flow out. The anti-static coated release liner reduces static and improves conversion and application of printed graphic.

### Product Description

WindowFX UV Permanent is a 50 micron gloss ultra-clear topcoated polyester offering excellent optical clarity and dimensional stability combined with good solvent, humidity and elevated temperature and UV resistance. The topcoat is designed to ensure good print definition and adhesion of UV digital inks. Coated with NPL ultra-clear high performance acrylic adhesive, this enables WindowFX UV Permanent to have excellent optical clarity, flow-out and UV stability.

### Typical Applications

Printed graphics to be applied to flat glass, clear window labels and decals.

### Typical Industry Sectors

Architectural signage, manifestations, point-of-sale and exhibition graphics.

General Properties				
Properties	Typical Values		Unit of Measure	Test Method
<b>Physical</b>	Facestock		50 mic +/- 10%	FTM 12
	Adhesive		23gsm +/-10%	
	Liner		50mic +/-10%	
<b>Peel Adhesion</b>	<b>Initial</b>	<b>24 hours</b>	N/25mm @ 23 C, 50% RH	FTM 1
Stainless Steel	12.2	16.4		
Glass	13.8	15.8		
<b>Shear Resistance</b>	>650		Minutes	FTM 8
<b>Dimensional Stability</b>	Excellent		Mm	FTM 14
<b>Chemical Resistance</b>	3.5 – good		Grey scale 1 = poor 5 = superior	AATCC 8
<b>Min. Application Temp.</b>	+4 C		Celsius	
<b>Service Temp Range</b>	-40 C to +135 C		Celsius	
<b>Outdoor Durability</b>	Two years		Vertical exposure	

PLEASE NOTE: The information of performance and suitability listed in this datasheet is meant only as a guide.

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