



## PALIGHT® FOAM PVC

**Palight® Foam PVC** sheets are versatile, flexible, lightweight and durable substrates for demanding digital print, screen print and sign applications. **Palight® Foam PVC** exhibit the whitest colour available and both products are successfully tested by digital flatbed printer manufacturers. Advertisers will benefit from its smooth, consistent and bright white surface which offers a high quality printing substrate for sharp, high resolution digital images. Available in Print Grade, Lightweight Grade and Black to suit a range of application needs.

### KEY FEATURES

- Smooth surface
- Superior print clarity & adhesion
- Lightweight & rigid
- Excellent ink compatibility: UV, latex & screen printing
- Easy to cut, router & fabricate
- Weather resistant
- Chemical resistant

### PRODUCT APPLICATIONS

- Retail signage
- Exhibition displays
- POS displays
- Photo mounting
- Wall art
- Architectural modelling

### COLOURS



Coloured swatch may not represent physical product.

### PROPERTIES

GENERAL		RESULTS
Weight (3mm)		1.8kg/m <sup>2</sup>
Density		0.57-0.6g/cm <sup>3</sup>
Moisture Absorption (D-570)		<0.5%
Cleaning: Warm soapy water & soft cloth		
MECHANICAL		
Tensile Strength at Yield (D-638)		16MPa
Flexural Strength at Yield (D-790)		28Mpa
THERMAL		
Service Temperature		-10-55°C
Heat Deflection Temperature		63°C
Vicat Softening Temperature		75°C
Thermal Conductivity (W/m·K) (D-696)		0.07

### PRODUCT RANGE

COLOUR	GAUGE	SIZE
Print Grade White PE Masked 1 Side	1mm	2440x1220mm 3050x1220mm 3050x1560mm 3050x2030mm
	2mm	2440x1220mm
	3mm	2440x1220mm 3050x1560mm 3050x2030mm
	5mm	2440x1220mm
	6mm	3050x1560mm
	10mm	
Lightweight Grade White PE Masked 1 Side	2mm	2440x1220mm
	10mm	3050x1560mm
	3mm	2440x1220mm
Black	3mm	

