

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 ²
Density	0.57-0.6g/cm ³
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	1mm	2440x1220mm 3050x1220mm 3050x1560mm 3050x2030mm
		2440x1220mm
	3mm	2440x1220mm 3050x1560mm 3050x2030mm
		2440x1220mm 3050x1560mm
Lightweight Grade	2mm 10mm	2440x1220mm 3050x1560mm
	3mm	2440x1220mm
Black	3mm	

