

LOVE

PALIGHT®

Flat Foamed PVC Sheet

PALIGHT is a lightweight, versatile, flexible, and durable foam PVC sheet ideal for digital and screen printing, signage, advertising, display, and construction.

The PALIGHT white, smooth and bright surface is tested and certified for usage by leading industrial printers.

PALIGHT is easily handled, cut and fabricated using conventional tools and equipment, and can be painted or laminated.

Typical Applications

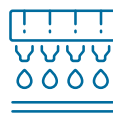
- Digital & Screen Printing
- Wall Graphics & Signage
- Routed Images & Lettering
- Shop Design & Decoration
- Interior Design & Furniture
- Exhibition Display & Design
- POP & Retail Displays
- Wood Replacement & Carpentry



PALRAM is a partner member of Vinyl Plus



Contains up to 30% recycled plastics



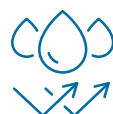
Superior Print Surface



Easy to Fabricate



Lightweight



Water Resistant

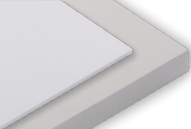
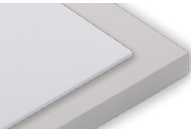
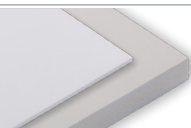
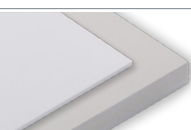


Eco-Friendly



Fully Recyclable

Product Range

Type	
	PALIGHT HD
The flagship of the PALIGHT family. Provides superior printing and fabrication capabilities.	
	PALIGHT Gauge
PVC construction board: the smart alternative to wood-based substrate materials.	
	PALIGHT Colour
Colorful and vibrant PALIGHT foam sheets with a smooth matte finish.	
	PALIGHT Print
Foamed PVC sheet made to meet wide format print and imaging requirements.	
	PALIGHT Outdoor
UV stabilized foam PVC for exterior and wood replacement signs and displays.	
	PALIGHT 2001
Gloss finish PVC foam sheet with high-end appearance.	

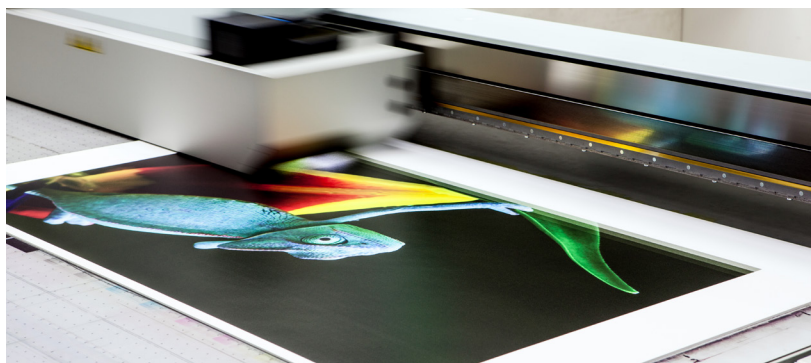
Dimensions

Product	Color	Thickness	Width x Length
PALIGHT HD	White Black	1mm-12mm	1220X2440 1560X3050 2030X3050
PALIGHT Gauge	White Black	12mm-30mm	1220X2440 1220X3050 1560X3050
PALIGHT Colour	Yellow Red Blue Green Grey	3mm-6mm	1220X2440 1560X3050 2030X3050
PALIGHT Print	White	2mm-10mm	1220X2440 1560X3050 2030X3050
PALIGHT Outdoor	White	15mm-25mm	1220X2440
PALIGHT 2001	White	3mm-10mm	1220X2440 1220X3050

Typical Physical Properties

Property	Method*	Conditions	Units	Value
Density	D-792		g/cm³	0.45-0.68
Water absorption	D-570	24 hr @ 23°C	%	<1
Flexural modulus	D-790		MPa	1000
Shore hardness	D-790			30-40
Service temperature range			°C	-10 to 50
Heat deflection temperature	D-648	1.82 MPa load	°C	50-55
Linear thermal expansion coefficient	D-696		10⁻⁵/°C	6.7
Thermal conductivity	C-177		W/mk	0.07
Surface resistance	D-257		Ohm	>10¹²
Surface tension	D-257		Dyne/cm	38-40

* The properties range includes versions of the PALIGHT product line. Contact your local Palram representative for more information.



Scan for fabrication guide