



PALIGHT® LW

General Purpose Free-Foam PVC Sheet

PALIGHT LW is a lightweight, versatile, flexible, and durable foamed PVC sheet, ideal for general purpose, mass-volume applications.

PALIGHT LW exhibits a smooth, bright white surface for print and signage applications.

Easily handled, cut and fabricated using conventional tools and equipment, PALIGHT LW can be printed, painted or laminated.

Print-Optimized in Every Aspect

- Signage and display
- POS/POP
- Digitally printed displays
- Exhibition stands
- Shop fitting
- Interior design



PALRAM is a partner member of Vinyl Plus



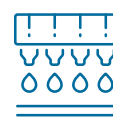
Contains up to 30% recycled plastics



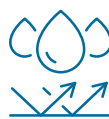
Chemical Resistant



Fully Recyclable



Superior Print Surface



Water Resistant

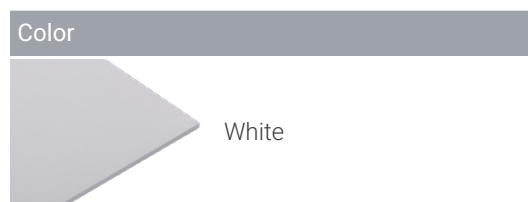


Budget-Friendly

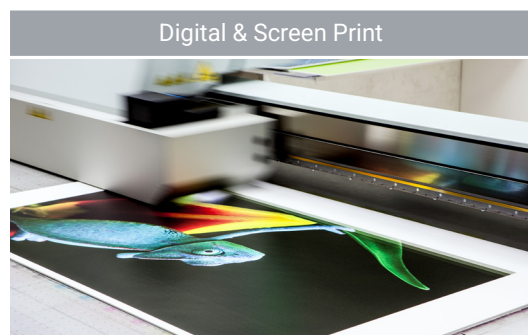


Lightweight

Colors



Typical Applications



Digital & Screen Print



Visual Communication



Model Making



Wall Graphics & Signage

PALIGHT Product Range

Product	Color	Thickness
PALIGHT low gauge Print, signage, modeling	White (101) / Black	1-12 mm
PALIGHT high gauge Carpentry, signage, building	White (85) / Black	13-19 mm
PALIGHT Outdoor Carpentry, signage, building, UV stabilized	White (78-83)	13-25 mm
PALIGHT Print Print applications	White (99-101)	2-10 mm
PALIGHT Colour Visual communication	Grey, Yellow, Red, Blue, Green	3-6 mm

* Check with your local Palram representative for availability of additional PALIGHT options.

Product Availability

Thickness	2,3,5 mm	3,5,10 mm
Standard Dimensions	1220 x 2440 mm	2030 x 3050 mm

Typical Physical Properties

Property	Method*	Conditions	Units	Value
Physical				
Specific gravity	ASTM D-792		g/cm³	0.45
Water absorption	ASTM D-570	24 hr @ 230C	%	0.8
Mechanical – Machine direction				
Flexural modulus	ASTM D-790		MPa	1000
Shore hardness	ASTM D-790			30
Thermal				
Service temperature range			C°	-10 to 55
Heat deflection temperature	ASTM D-648	Load: 1.82 MPa	C°	59-63
VICAT softening temperature	ASTM D-1525	Load: 1 Kg	C°	69
Coefficient of linear thermal expansion	ASTM D-696		10 ⁻⁵ /C°	6.7
Thermal conductivity	ASTM C-177		W/mk	0.07
Electrical				
Surface resistance	ASTM D-257		Ohm	>1012
Surface tension	ASTM D-257		Dyne/cm	38-40

* ASTM method except where noted otherwise