



PALBOARD™

Multilayered PVC Sheet



PALBOARD™ Multilayered PVC Sheet

PALBOARD is an innovative multilayered sheet that offers the qualities of rigid and foamed PVC together. Based on Palram's 50 year experience in extruding quality PVC sheets, it combines the surface quality and characteristics of rigid PVC with a reduced weight due to a recycled foamed PVC core.

PALBOARD is easy to fabricate, making it ideal for a wide variety of sign and display applications. It makes an excellent printing substrate and, suitable for digital or traditional printing. PALBOARD can be used in harsh chemical environments due to its high chemical resistance.

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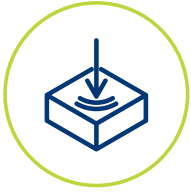
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Wide Format Printing



High Recycled Content



Strong & Durable



Lightweight



Easy Processing



Thermoforming

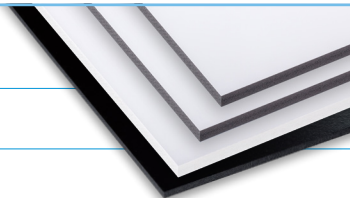
Colors

White - Black

White - Black - White

White - White - White *For outdoor use*

Black - Black - Black



Standard sizes

Thickness: 3, 5, 10 mm

Length: 2,440 mm / 3,050 mm

Width: 1,220 mm / 1,500 mm / 2,030 mm

Typical Physical Properties

Property	Standard	Conditions	Units	Value
Physical				
Density	ASTM D-792		g/cm ³	0.58 - 1.07
Water absorption	ASTM D-570	24 hr @ 23°C	%	<1%
Mechanical				
Flexural modulus	ASTM D-790		MPa	1400 - 2100
Shore hardness	ASTM D-2240		Shore D	55 - 75
Thermal				
Service temperature range			°C	-10°C to 55°C
Heat deflection temperature	ASTM D-648	Load: 1.82 MPa	°C	55°C
Coefficient of linear thermal expansion	ASTM D-696		10 ⁻⁵ /°C	6.7
Electrical				
Surface resistance	ASTM D-257		Ohm	<10 ¹²

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

PALBOARD Family Product Range

Product	Description
PALBOARD® 2D	2 layer substrate PVC sheets for printing, signage, frameless photos, & retail displays
PALBOARD® 3D	Three-layer co-extruded PVC substrate for 3D model fabrication, retail and POP displays.
PALBOARD® 3D MAX	Three layer extra rigid PVC sheets for printing, POP displays & 3D model fabrication.
PALBOARD® Terra	PVC composite panel with climate-positive UBQ™

Flammability

PALBOARD is self-extinguishing and complies with the most demanding international fire resistance standards in the field of plastics, as indicated in the detailed table herein. The classification is subject to product type, thickness and color.

Standard	Thickness	Classification*
EN13501	3mm	B, s2, d0
	3-10mm	B, s3, d0
UL 94	3-10mm	V-0

* For more detailed information please contact your Palram distributor.



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