



# PALBOARD™

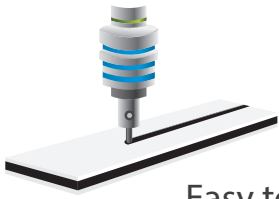
Multilayered PVC Sheet



## 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.



## Easy to Use

- Rigid yet lightweight, making it easy to fabricate: it is suitable for die cutting, sawing, drilling, milling and routing
- Smooth and uniform surface
- Bright white surface

## Main Benefits

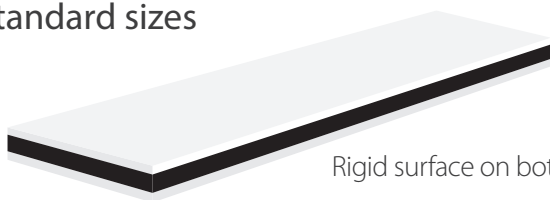
- Hard smooth surface
- Recycled lightweight foamed PVC core
- High structural strength with a relatively low weight
- Excellent chemical and fire resistance
- Easy to fabricate and thermoform
- Good adhesion capabilities
- Good electrical and thermal insulation

## Typical Applications

- Industrial and construction signs
- Point of purchase stands
- Fabricated and structural parts



## Standard sizes



Rigid surface on both sides

Thickness: 2-10 mm

Length: 2,440 mm / 3,000 mm / 3,050 mm

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

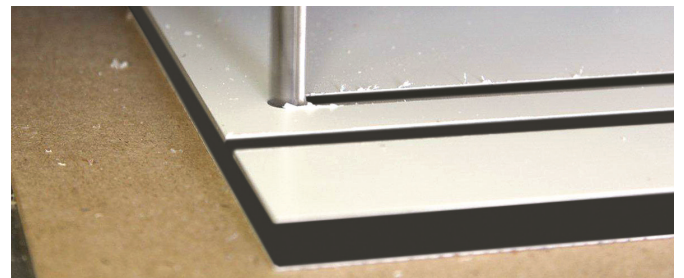
## Flammability

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

\* Depends on thickness. For additional information please contact your Palram distributor.

## Typical Physical Properties

Property	Standard	Conditions	Units	Value
<b>Physical</b>				
Density	ASTM D-792		g/cm <sup>3</sup>	0.58 - 0.62
Water absorption	ASTM D-570	24 hr @ 23°C	%	3mm - 0.5 5mm - 0.8
<b>Mechanical – Machine direction</b>				
Flexural modulus	ASTM D-790		MPa	1600
Shore hardness	ASTM D-2240		Shore D	60
<b>Thermal</b>				
Service temperature range			°C	-10 to 55
Heat deflection temperature	ASTM D-648	Load: 1.82 MPa	°C	62
Coefficient of linear thermal expansion	ASTM D-696		10 <sup>-5</sup> /°C	6.7
<b>Electrical</b>				
Surface resistance	ASTM D-257		Ohm	4.1x10 <sup>14</sup>



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77340 - 08.2017

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