



PALBOARD™

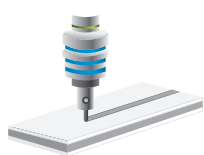
Multilayered PVC Sheet



PALBOARD™ Multilayered PVC Sheet

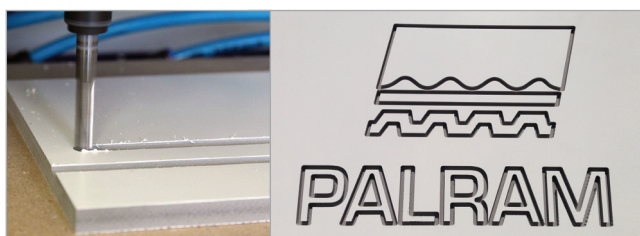
PALBOARD is an innovative sheet that offers the qualities of rigid and foamed PVC together. Based on Palram's 50 year experience in extruding quality PVC sheets, it combines the surface quality and characteristics of rigid PVC with a the a reduced weight due to recycled foamed PVC core. PALBOARD is easy to fabricate, making it ideal for a wide variety of sign and display applications. PALBOARD 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.

PALBOARD™ Multilayered PVC Sheet



Easy to Use

- Rigid yet lightweight physical properties, make it easy to fabricate, 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
- Glossy, matte or embossed surfaces
- One or two rigid surface
- 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
- Digitally printed signs and posters



Standard sizes



Ⓐ Rigid surface on one side Ⓑ Rigid surface on two side

Thickness: 3-12mm | Length: 2440mm | Width: 1,220mm

Typical Physical Properties

Property	Standard	Conditions	Units	Value
Physical				
Density	ASTM D-792		g/cm ³	3mm – 0.8
				5mm – 0.7
				10mm – 0.6
Water absorption	ASTM D-570	24 hr @ 23°C	%	3mm - 0.5
				5mm - 0.8
Mechanical – Machine direction				
Flexural modulus	ASTM D-790		MPa	1600
Shore hardness	ASTM D-2240		Shore D	60
Thermal				
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 ⁻⁵ /°C	6.7
Electrical				
Surface resistance	ASTM D-257		Ohm	4.1x10 ¹⁴



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