



PALBOARD™

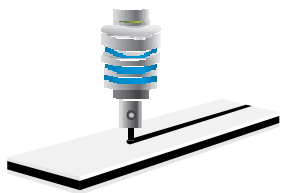
Multilayered PVC Sheet



PALBOARD™ Multilayered PVC Sheet

PALBOARD is an innovative multilayered sheet that offers the qualities of rigid and foamed PVC together. Based on 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

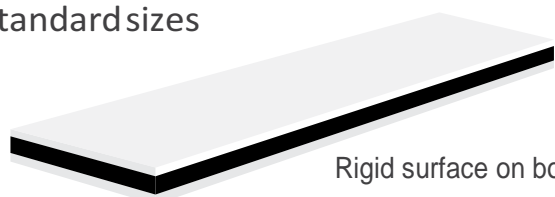
Main Benefits

- 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: 2-12 mm

Length: 2,440 mm / 3,000 mm

Width: 1,220 mm

Flammability

Standard	Thickness	Classification*
EN13501	3mm	B, s2,d0
	3-10mm	B, s3,d0

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

Typical Physical Properties

Property	Standard	Conditions	Units	Value
Physical				
Density	ASTMD-792		g/cm ³	3mm -0.62
				5mm -0.6
				10mm -0.58
Water absorption	ASTMD-570	24hr @ 23°C	%	3mm - 0.5
				5mm - 0.8
Mechanical – Machine direction				
Flexural modulus	ASTMD-790		MPa	1600
Shore hardness	ASTMD-2240		Shore D	60
Thermal				
Service temperature range			°C	-10 to 55
Heat deflection temperature	ASTM D-648 Load: 1.82MPa		°C	62
Coefficient of linear thermal expansion	ASTMD-696		-5 / °C	6.7
Electrical				
Surface resistance	ASTMD-257		Ohm	4.1x10 ¹⁴



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