Product: Palboard

Category: Sign, Display & Digital - Latex and UV Injket

Palboard is an innovative PVC sheet that's like no other. Palboard combines two ultra-smooth surfaces of solid PVC with a black dense foam core. Its uniform surfaces are bright white allowing for the most vibrant color reproduction. Palboard is easy to fabricate, can be cold-bent with a v-groove cut, and offers excellent mechanical strength and chemical resistance, making it the ideal sheet for your retail signs and 3D structures, POP displays, exhibits, and more.

- Easy to fabricate and thermoform; can be cold-formed with v-cuts
- Ultra-smooth and uniform surface that resists dents and scratches
- Protective film is standard, one side
- Recycled lightweight foam PVC core
- High structural strength with a relatively low weight
- Excellent chemical and fire resistance
- Strong electrical and thermal insulation
- Digital and screen printing
- Co-extruded multi layered PVC sheet with rigid surfaces on two sides

Property	Standard	Conditions	Unit	Values
Physical				
Specific gravity	ASTM D-792		g/cm^3	3mm – 0.62
Water absorption	ASTM D-570	24 hr @ 23°C	%	3mm - 0.5
Mechanical – Machine direction				
Flexural modulus	ASTM D-790		MPa	1600
Shore hardness	ASTM D-2240		Shore D	60
Thermal				
Service temperature range			C^O	-10 to 55
Heat deflection temperature	ASTM D-648	Load: 1.82 MPa	C^O	62
Coefficient of linear thermal expansion	ASTM D-696		10^{-5}/^{O}C	6.7
Electrical				
Surface resistance	ASTM D-257		Ohm	$<10^{11}$

Conversion[+]

- ☐ Flat bed cutters
- ☐ Friction bed cutters
- ☐ Die Cutters Thermal
- ☐ transfers

- ☐ Cold overlaminating
- ☐ Aqueous (dye & pigment)
- ☐ Screen printing
- ☐ Printing Offset

- ☑ Latex
- ☐ Solvent
- ☐ Eco Solvent
- ☑ UV Inkjet

[+]Always test with your combination of printer and inks prior to commerical use

Conversion[+]

- POP and retail displays & signage
- Routed and relief lettering
- Fabricated and structural parts

- Exhibits and kiosks
- Industrial and construction signs

B&D