



MULFORD
PLASTICS
delivering solutions

PALBOARD™

Palboard™

In the world of multi-layer substrates, new PALBOARD™ is an innovative sheet that's like no other. Palboard™ combines the extra tough surface quality of solid PVC with the lightweight, easy-to-work-with characteristics of foam PVC. It's core is made of high quality recycled foam PVC and the panel itself is recyclable too.

Palboard™ has an ultra-smooth surface that offers excellent ink-adhesion for digital or traditional printing applications. It's east to fabricate, can be cold-bent with a v-groove cut and offers good mechanical strength & excellent chemical resistance, making it ideal for a wide variety of interior sign, display or other application.

Key Features

- Ultra smooth and uniform surface on both sides
- EverClean™ Protective Film standard, one side
- Bright white surface allows for excellent color reproduction
- Excellent ink adhesion
- Black foam PVC core provides an attractive edge
- Solid PVC surface resists dents & scratches
- Rigid with high structural strength, yet lightweight
- Easy to fabricate and thermoform; can be cold-formed with v-grooves
- Suitable for die cutting, sawing, drilling, milling and routing
- Recycled, lightweight and fire resistant
- Good electrical and thermal insulation


Product Applications

- Industrial, construction and advertising signs
- Point of purchase displays
- Fabricated & structural parts
- Displays and exhibits
- Digital and screen printing
- Routed letters

TECHNICAL DATA SHEET

PROPERTY	TEST METHOD	UNITS	VALUE
PHYSICAL Density Water Absorption	ASTM D-792 ASTM D-570 (24hr @ 23°C)	g/cm ³ %	0.58 - 0.62
MECHANICAL Flexural Modulus Shore Hardness	ASTM D-790 ASTM D-2240	MPa Shore D	1600 60
THERMAL Service Temperature Range Coefficient of Linear Thermal Expansion Heat Deflection Temperature	ASTM D-696 ASTM D-648 Load: 1.82MPa	°C 10-5°C °C	-10 to 55 6.7 62
ELECTRICAL Surface resistance	ASTM D-257	4.1x10 ¹⁴	
FLAMMABILITY	UL 94	3-10mm	V-0

This specification provides typical data to the best of our knowledge at the time of publishing. Due to our inability to control conditions of use and application, we are unable to make any recommendations or suggestions. Mulford International nor any of their suppliers assume any liability for use of information presented.

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