



PALBOARD™ 3D MAX HYG

Co-Extruded Antimicrobial Multilayer Sheet

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Overview

PALBOARD 3D MAX HYG is a unique, antimicrobial, durable, multilayer polymer sheet. It combines two ultra-smooth surfaces of solid, black polymer with a rigid, lightweight, black foam PVC core. Silver-ion technology protects its surfaces against the growth of a wide variety of bacteria, molds/fungus, and some viruses by disrupting the ability of these organisms to reproduce.

As a print substrate, the antimicrobial benefits of the sheet are unaffected by ink coverage when the surfaces are digitally printed. And EverClean™ protective film comes standard on both sides of the sheet to protect against dirt or abrasion.

PALBOARD 3D MAX HYG is easy to cut and route, can be cold-bent with a v-groove, and can easily be thermoformed. It also offers excellent mechanical strength and chemical resistance.

With its antimicrobial properties, PALBOARD 3D MAX is the ideal substrate for creating 3D structures, POP displays, exhibits, and kiosks for high-touch areas in retail and other public environments.

Main Benefits

- Easy to fabricate, thermoform, vacuum form, and cold-bend using v-groove cuts
- Hair-cell texture on one side, smooth on the other side
- High density and rigidity for greater structural strength
- Long-lasting durability in high traffic areas
- Superior ink adhesion; can be hot stamped and digitally/silk-screen printed
- Printable while maintaining antimicrobial properties
- Non-toxic, Phthalate-free; REACH and ROHS compliant
- Class A-Fire Rated (2 and 3 mm)
- Easy to clean and disinfect
- 100% recyclable
- Available in all black; 4' x 8' sheets; 2, 3, 5mm



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Typical Applications

- Point of purchase displays
- Cosmetic floor and counter-top displays
- Chemical process industries
- Fabricated & structural parts
- Exhibits and kiosks
- Digital and screen printing
- Routed & relief lettering
- Industrial, construction, retail, and advertising signage
- Tradeshow booths and displays



Inasmuch as Palram Americas has no control over the use (and/or installation method) to which others may put this material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make their own test to determine the suitability of the material for their own particular use. In the event of a warranty claim for product failure, Palram Americas reserves the right to inspect any or all of the sheets involved and the installation site itself while the sheets are still in their original position and have not been removed or moved or altered in any way.

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