



BoatBoard UV-HDPE

Weather-Resistant Sheet for Marine and Outdoor Living Products

With its superior flatness and low inherent stress, BoatBoard HDPE sets the standard for fabrication ease among weather resistant sheet products for outdoor applications. Proven uses include marine components, cabinetry, furniture and other outdoor structures. Available in standard and custom marine colors, this highly UV resistant material has a durable matte finish that cleans easily and looks great long term. For lighter weight, consider BoatBoard LW. Its foam core provides a 25% lighter option in applications that don't need the stiffness and edge finish of solid BoatBoard.



Typical properties

| PROPERTY | ASTM SPEC | UNIT | HDPE |
|--------------------------|-------------|---------------------------------|--------|
| Specific Gravity | D 792 | **** | 0.96 |
| Water Absorption | D570 | % | <0.01 |
| Tensile Strength (yield) | D1708, D638 | psi | 3600 |
| Elongation (break) | D1708, D638 | % | 700 |
| Flexural Modulus | D790 @ 23 C | psi | 175000 |
| Notched Izod Impact | D256 @ 23 C | ft-lb/in. | 3 |
| Shore D Hardness | D2240 | *** | 68 |
| Continuous Service | Maximum | °C | 76 |
| Temperature | | °F | 170 |
| Melting Point | D3418 | °C | 131 |
| | | °F | 267 |
| Coefficient of Expansion | E831 TMA | in/in/°F (10 ⁻⁵) | 6.7 |

BoatBoard

- * Continuous Service Temperature based upon "non-chemical Dry Usage".
- * Table data reflects ASTM based average typical vendor data.
- * Data meant as general guidelines only.
- * Specific applications require additional testing by the buyer.
- * All properties based on standard unbacked product tests only

ADVANTAGES

- Superior flatness, low stress for easy fabrication
- Low moisture absorption
- No delamination
- UV and weather resistant
- Resists corrosion and staining
- Durable easy to clean finish
- FDA approved for food contact

PROVEN APPLICATIONS

- Hatches, doors
- Cabinetry
- Cutting boards
- Rod holders, racks
- Cup holders
- Swim platforms

STANDARD SIZES

- Width, length: 54" x 96"
Tolerance + 1/2" – 0" L&W
- Thickness: 1/4", 3/8", 1/2", 3/4", 1"
Tolerance +/-5%

STANDARD COLORS

- Polar White; White/White; Black
- Dolphin Grey; Glacier Grey
- Seafoam; Sandshade

STANDARD FINISH:

- Matte

CUSTOM SIZES, COLORS

- Contact inside sales

Disclaimer: The information contained herein though believed to be true in nature is meant as general guidelines only. As such Laminations, Inc. makes NO EXPRESSED OR IMPLIED WARRANTIES in regards to specific end uses of these materials. Each purchaser is responsible for establishing and determining the specific material requirements for a given application. Any direct or consequential damages resulting from the improper use of these materials are strictly the responsibility of the buyer. Laminations limits its liability to the replacement value of any defective products. Laminations will not be responsible for or held liable for the improper use of our materials in regards to patent infringements, nor should any of our literature be construed as an offer of indemnity for patent infringement.