



PROFESSIONAL PLASTICS

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 Temperature	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

* 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

BoatBoard

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

Order Online at [www.professionalplastics.com/Boatboard UV-HDPE SimonaLaminations](http://www.professionalplastics.com/Boatboard_UV-HDPE_SimonaLaminations)

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