GENERALPLASTICS MANUFACTURING COMPANY

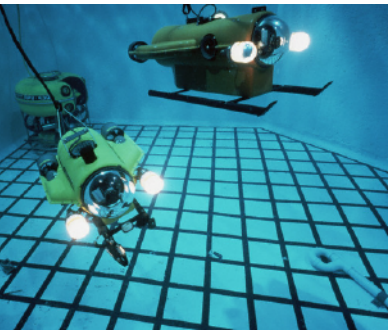
WHERE GREAT IDEAS TAKE SHAPE.

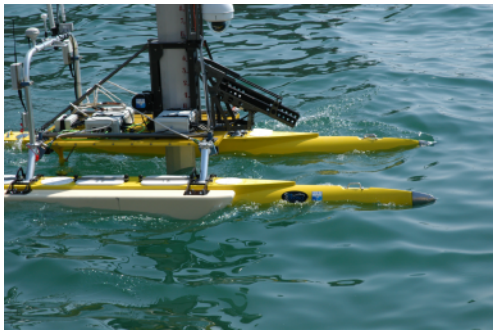
LAST-A-FOAM® MARINE, SUBSEA AND COMPOSITE CORE

FROM SURFBOARDS TO SUBMERSIBLE CRAFT, LAST-A-FOAM® FOAMS EXCEL IN, ON OR UNDER WATER.

Our marine, composite core and subsea bouyancy foams are specifically formualted to meet the demanding requirements of the boating, recreational and subsea industries at a competitive price.

Builders of recreational watercraft and yachts can replace wood components with top-quality, non-decaying lightweight products using LAST-A-FOAM® composite core. Our R-3300 hydrostatic, pressure-resistant subsea foam can be used for shallow and mid-water applications such as semi-submersible craft, pipeline flotation and underwater robotics.





GENERAL PLASTICS MARINE FOAM MASTERY RUNS DEEP.

LAST-A-FOAM® rigid polyurethane products are strong, durable, cost-effective and versatile. They are manufactured using our unique chemical formulas to be exceptionally uniform and consistent in all physical properties. General Plastics offers multiple densities and sizes to address your particular application, design, and cost requirements. Our customer service, CNC and design teams are ready to support you with product selection, and any questions from project concept to completion.

CNC MACHINABLE

General Plastics can machine any LAST-A-FOAM® product to exact specifications.

CERTIFICATIONS & QUALITY SYSTEMS

ISO 9001:2015/AS9100D
NQA-1
Mil-I-45208A
Boeing Company D6-82473
ITAR-Compliant
Nadcap AC7130 Rev C
Nadcap AC7130/1 Rev A

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LAST-A-FOAM® FR-4500 Tooling Board Series

These tough, grain-free, machinable tooling boards are superub for making FRP parts, and for fixturing while machining parts. They are proven performers for styling and design models, master models, masters for composite and layup tools, and molds.

LAST-A-FOAM® FR-4600 Tooling Board Series

This fine cell polyurethane foam is perfect for prototypes and models, 3D displays, and tooling. With our unique microcell technology, it offers the smoothest surface for fine cell painted finishes with minimal prep work and creates crisp edges and precise details.

LAST-A-FOAM® FR-6700 Aerospace Grade Series

This flame-retardant rigid foam withstands process temperatures up to 250°F (121°C). Equivalent to the TR-Marine Series, use it for high-end FRP composite core applications where high strength-to-weight ratios are required.

LAST-A-FOAM® FR-7100 Multi-Use Core Board Series

This uniform foam provides low-cost FRP core material for many boat-building applications, as well as hand-carved models and prototypes. It is easily finished or painted.

LAST-A-FOAM® R-3300 Submersible Foam Series

This machinable, hydrostatic, pressure-restistant foam provides buoyancy for underwater depths down to 1,200 ft. uncoated. This product also offers outstanding resistance to penetration by water. It is optimal for shallow to mid-depth underwater robotics applications.

LAST-A-FOAM® TR Marine Foams

These foams, specifically developed for marine applications, provide structural strength with moisture resistance. They enable boat designers to replace wood components with a top-quality, nondecaying product fully compatible with fiberglass-laminating production methods.

Applications	TR-Marine	FR-6700	FR-7100	FR-4500	FR-4600	R-3300
Bait wells	●		●			
Bulkheads	●	●	●		●	
Cabinets	●		●		●	
Composite tooling		●		●	●	
Decks	●	●				
Doors	●		●		●	
Drain ports		●				
Fish boxes	●		●			
Freezer insulation	●		●			
FRP core	●	●	●		●	
Hard points for lifting lugs	●	●				
Hydrostatic pressure-resistant foams						●
I/O motor mounts	●	●		●		
Interiors	●		●		●	
Master models			●		●	
Seat mounting pads	●	●	●			
Seats	●		●		●	
Semi-submersible craft						●
Stringers	●	●	●			
Subsea buoyancy foam			●			●
Transoms	●	●	●			
Underwater Robotics (ROV/AUV)						●
Walls	●		●		●	

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All General Plastics' products are manufactured in the United States and are free of CFCs and VOCs.

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