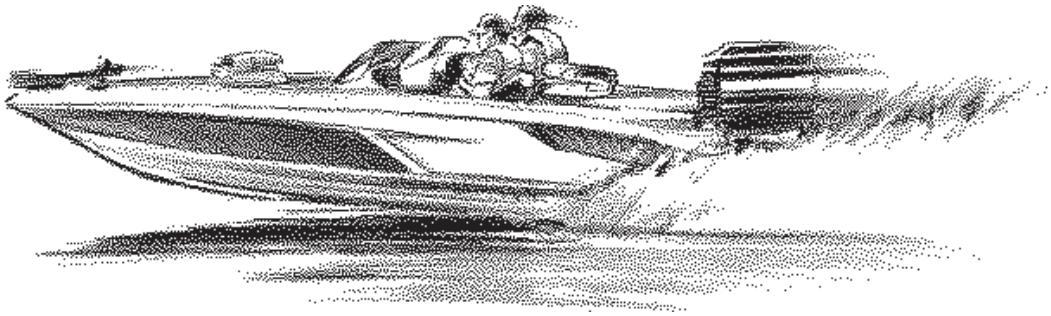


TR-Series

GENERAL PLASTICS MANUFACTURING COMPANY



MARINE APPLICATION FOAMS



Product Benefits:

- **Low-cost, High-Strength high-density polyurethane foam**
- **Specially formulated to meet needs of marine fiberglass laminator**
- **Compatible with polyester, vinyl-ester, and epoxy laminating resins and resin-blends**
- **Inert, will not rot**
- **Closed-cell material will not absorb liquid water**
- **Unaffected by saltwater, paints, oils, or solvents**
- **Outstanding uniformity throughout entire mass of material**
- **No voids, cracks, soft-spots or warping in large sheets or transoms**
- **No mold-release contamination**
- **Available in 6, 10, 15, 20, 24, and 30-lb. per cubic foot densities**
- **Custom-cut transom shapes available**
- **Custom-cut small parts and parts kits available**

PRODUCT DESCRIPTION

LAST-A-FOAM® TR-Series High-Density polyurethane foams are specially formulated to meet the physical property demands of the composite boat builder at a competitive price. **TR-Series** foams allow boat designers to replace wood components with a top-quality, non-decaying product fully compatible with fiberglass-laminating production methods.

TR-Series foam is uniform, grain-free, closed-cell polyurethane. It will not absorb liquid water, and is largely unaffected by solvents and paints. Fiberglass laminating resins bond readily to **TR-Series** foams, and there is no mold-release contamination to inhibit bonding. A special surface treatment is available for transom shapes, to allow even higher-strength bonds.

TR-Series foams are made in a range of densities to allow the designer/engineer to match physical properties with structural needs. Economy is achieved by using materials matched to the stresses they are expected to encounter. **No strength-compromising glass-fiber fillers are used in TR-Series foams.** Foam density is uniform throughout each sheet, to ensure consistent physical property performance.

TYPICAL APPLICATION AREAS

- Transoms—Use 15, 20, or 24-lb per cubic foot density
- Stringers—Use 6-20-lb. per cubic foot density depending on structural need
- Seat Mounting pads, Steering Wheel mounting—Use 24-30-lb. per cubic foot density
- Decks, Bulkheads—Use 10-15-lb. per cubic foot, depending on laminate schedule
- Deck, Bulkhead Reinforcement—Use trapezoidal X-section beams in 6-lb. per cubic foot density
- Fish Boxes, Bait Wells, Freezer Insulation—Use 6-lb. per cubic foot density
- Cabinets, Doors, Seats, Walls—Use 6-10-lb. per cubic foot density
- Hard Points for Lifting Lugs, Cleats, Drain Ports, etc.—Use 24-30-lb. per cubic foot density
- I/O Motor Mounts—use 24-30 lb. per cubic foot density

SPECIAL SIZES, CUSTOM PROFILES, KITTED PARTS

General Plastics Manufacturing Company has capability to manufacture CNC-machined, finished parts for production boat builders. Transoms, stringers, and other special shapes are accurately and quickly cut on our production machinery. We can work from CAD files in IGES-format, or can digitize an existing part or flat-pattern layout to get the proper part configuration. We optimize material use for best yield, and can supply parts in kits to allow easy use in the factory. You get top-quality high-density foam in ready-to-use form, with no wasted time or materials. We are happy to provide quotations for this service on request.

For further technical assistance, or distributor locations, please call:



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