ASTM D1998-06 Falling Dart Impact Test: Validates that virgin grade resin is being used and that the molding process is complete and properly done. When punctured, Ace Roto-Mold Float Drums do not crack or shatter. (Other ASTM Standards that Ace Float Drums are in compliance with include: D1505, D1238, D1693, D638, D790B, D746, D648, D1621, D2863, D696, D3418, D1693A)

7-Day Hunt Water Absorption Test: Foam fill will aid in maintaining buoyancy if float becomes damaged. Properly steamed foam creates a tight seal which will prevent waterlogged floats and sinking docks. Void-free foam also supports outer shell walls, adding strength. Ace Roto Mold Float Drums meet or exceed the test standard of 3 pounds per cubic foot.

Encasement Wall Thickness Standard: Eliminates weak wall floats with early failure potential and reduces unnecessary repair costs. Ensures floats will hold up to pre- and post-install abuse. Ace Roto-Mold Float drums have a nominal wall thickness of 0.150” and a minimum thickness of 0.125”.

Tank Tested Buoyancy Ratings: Calibrated Tank Tested Buoyancy for each model unit is available.


15-Year Float Drum Warranty: Ace Roto-Mold offers a 15-Year Float Drum Warranty on all of its manufactured float drums to the original owner.

Tested & Certified by IMANNA Laboratory, Inc. IMANNA (est. 1983) is recognized as an approved laboratory for testing to the industry standards published by the American Boat and Yacht Council and as a Standards Compliance Specialist by the National Marine Manufacturers Association.

- Buoyancy tank tested and certified!
- Ductility tested and certified!
- Water absorption tested and certified!
- Minimum thickness tested and certified!

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