

Custom Syntactic Foam Solutions

Don't see what you need in our catalog? Have a unique requirement to recover an instrument or lighten a vehicle? Require engineering and design assistance? We are glad to assist you in assessing your application, and conceptualizing and designing a solution. In addition to syntactic foam, we also work in metals, plastics, and urethanes. We have a wide variety of in-house capabilities to quickly turn your project around. Much of our production is custom fabrication.

It is not always a matter of finding a solution; many times you must invent it.

DeepWater Buoyancy prides itself on providing innovative solutions to complex engineering problems. When a standard solution does not fit the application, we analyze, design, develop, and produce the optimum solution. DeepWater Buoyancy designs and manufactures solution-based, engineered, subsea products that cut installation time, enhance project performance, and increase service life.

Engineering and design services include:

- Product Design Services
- Prototyping Services
- Finite Element Analysis
- Computational Fluid Dynamic Analysis
- Mooring Design and Analysis
- Mechanical Testing



DeepWater Buoyancy provides full-service engineering and testing for customers requiring in-depth technical knowledge in the areas of predictive and failure analysis, solid mechanics and structural design, reliability engineering, testing, and material science. We apply both classic engineering methods and advanced modeling technologies, resulting in comprehensive, cost-effective solutions.

Our manufacturing facility is equipped with complete testing facilities, including hydrostatic testing chambers, buoyancy test pool, quality control laboratory, and physical testing facilities.

DeepWater Buoyancy can develop custom testing to meet customer specifications and works with DNV, BV and other independent testing organizations when required.