structure-flex

Lifeboat & Gangway Test Bags

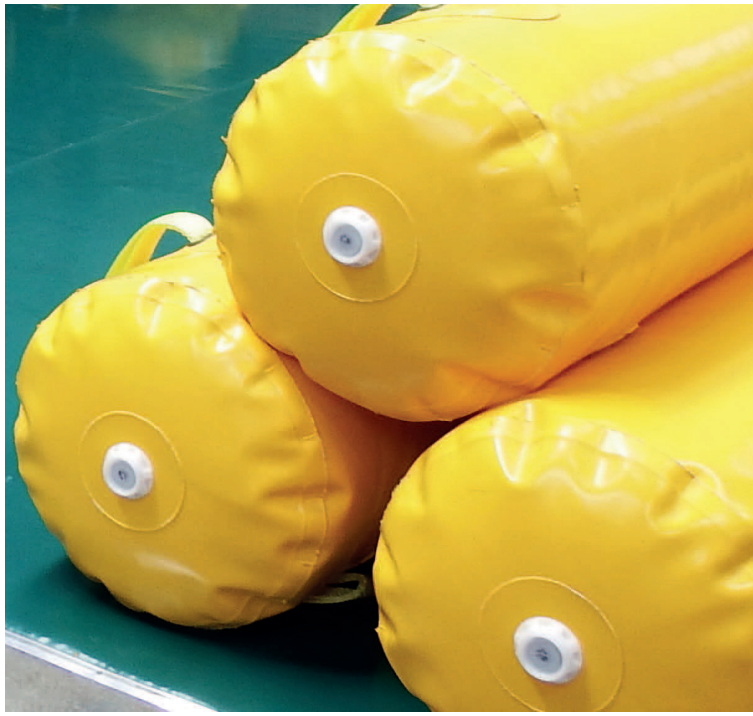
With over 30 years of manufacturing experience in the design, production and development of a wide range of testing equipment, Structure-flex has achieved an unrivalled reputation for quality and reliability and can provide products for various load test situations ranging from load testing cranes, winches and davits, platform and structure testing as well as lifeboat testing.

Structure-flex lifeboat bags are used to provide a simple and accurate way to proof load test lifeboats in situ, used to provide an evenly distributed load and are easy to install and use. These bags can be incorporated in a system employing existing manifolds, pumps and flowmeters.

The bags are manufactured from a PVC coated 3x3 weave polyester material. They include an inlet/outlet valve, overpressure relief valve 2 PSI and handling straps.

FEATURES

- Designed for evenly distributed load testing
- Robust, flexible and simple to use
- Easily folded for compact storage
- All seams are radio frequency welded for high-strength
- Handling straps used for easy positioning and emptying



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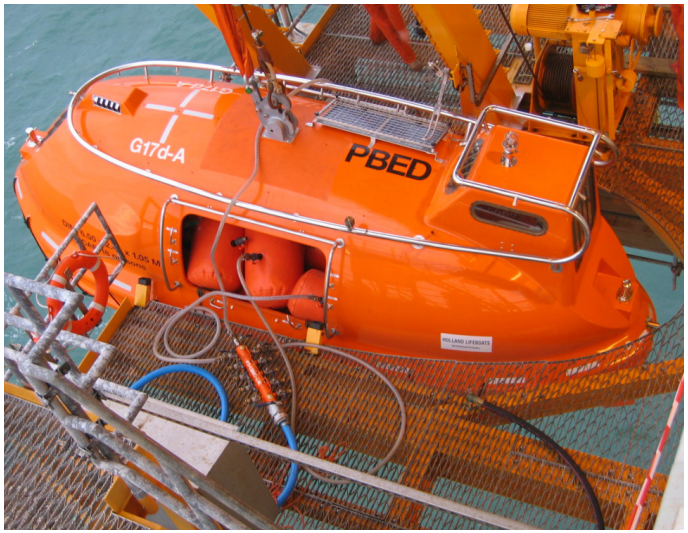

LIFEBOAT TESTING BAGS

Structure-flex lifeboat bags are used to accurately load-test lifeboats, supports and winches on-site. They are easy to install and evenly distribute the load across the vessel.

They can also be incorporated into a system employing existing manifolds, pumps and flowmeters.

GANGWAY TESTING BAGS

Available in almost any shape or size, we manufacture bespoke water-filled proof test bags for gangways, platforms and other structural testing in any environment.

FEATURES FOR LIFEBOAT & GANGWAY TESTING BAGS

- From 50kg to 1,000kg capacity
- High strength 1680g/m2 total weight PVC/PES
  - 2200 dtex polyester 3x3 weave
- 1" BSP brass fill/empty port for strength
- 1" BSP ball valve with camlock fitting
- Separate 2 PSI pressure relief valve
- Handling/manoeuvring straps for easy positioning and emptying
- Easy to fold and compact to store
- Also available with manifold, pipework and air pump

Standard and bespoke sizes available - just ask

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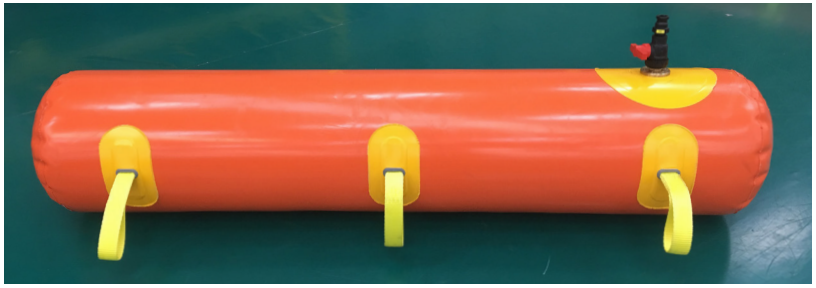
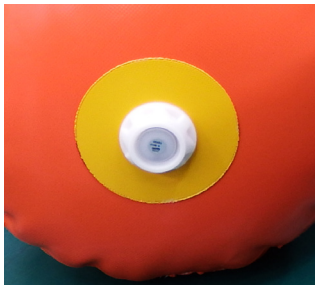


LIFEBOAT / GANGWAY TEST BAGS

Model	Capacity / SWL	Diameter	Height
LBB100	100 kg	0.32m (1.05ft)	1.24m (4.07ft)
LBB200	200 kg	0.47m (1.54ft)	1.16m (3.81ft)
LBB250	250 kg	0.47m (1.54ft)	1.45m (4.76ft)
LBB350	350 kg	0.47m (1.54ft)	2.00m (6.56ft)
LBB375	375 kg	0.47m (1.54ft)	2.17m (7.12ft)
LBB500	500 kg	0.50m (1.64ft)	2.60m (8.53ft)
GWB1000	1000 kg	0.60m (1.97ft)	3.55m (11.65ft)
GWB1500	1500 kg	0.60m (1.97ft)	5.33m (17.49ft)

Approximate sizes when filled



Pressure relief valve

Brass fitting with valve