

WaterWeights

safety through innovation





Water Weights water filled proof load bags are a unique and simple product specifically designed to provide a test load instead of traditional solid weights for all forms of testing. This highly engineered and certified system allows a safe, practical and economical method for load testing.

The development of Water Weights bags has increased greatly the practicality, economy and safety of providing proof load testing in many applications. In addition, certain proof load testing situations only become feasible with the use of Water Weights.

The Company has built on and expanded its expertise to encompass a wide variety of associated services and engineering project management. Water Weights' customer base now includes marine, industrial and traditional applications, both on and offshore.

Water Weights' core commitment remains the provision of products and services to the highest standards.



Water Weights, originators of the water bag, provide specialist proof load testing equipment for lifting equipment and structures.



APPLICATIONS

Marine

Offshore installations, ship building and repair companies, shipping companies and docks & harbors use Water Weights for the following test applications:

- cranes
- davits
- derricks
- winches
- inaccessible lifting points
- lifeboats
- ramps and elevators
- pad eyes

Industrial

Power stations, refineries, factories and crane companies among others use Water Weights bags for testing in a wide variety of applications including:

- overhead cranes
- beams
- gantries
- elevators
- monorails

Engineering

Specialized Water Weights products and services are used by structural engineers, construction companies, naval architects & engineers and logistics management companies for:

- floor and bridge tests
- ballast and counterweight
- water and liquid storage
- load measurement
- cargo manifesting and data logging

SAFE

The bags have a physically proven factor of safety in excess of 6:1 and are proof load tested to over 2:1 prior to being taken into service. When performing load tests, gradual application of the load allows many problems to be identified prior to attaining maximum load.

ECONOMICAL

Water Weights bags weigh less than 2% of achievable load allowing for considerable savings in transport, storage and labor costs.

FLEXIBLE

A wide range of different sizes of Water Weights bags is available. Bags can be hung in combinations to achieve large loads. Specialist 'low headroom' bags are available for testing where headroom is restricted. With bags weighing only some 2% of achievable load, floor loading restrictions are rarely a problem. Bags are ideally suited to inaccessible lifting points. A variety of add-on options is available to meet specialist requirements such as extended drainage trunks, drain valves and manifold control systems.

SIMPLE

Controlled filling and emptying is simple. The load is measured accurately with a certified loadcell or flowmeter.

CERTIFIED

All Water Weights bags are certified and type approved by the American Bureau of Shipping. Water Weights is approved to ISO 9001:2000.



Contract Holder
GS-07F-0287J



95-AD10820-X



Water Weights Water Filled Proof Bags

Tonnes	Capacity US Short tons	Pounds	Size Empty & Rolled in ft.	Empty lbs.	Overall Size When Filled Height ft.	Diameter ft.
1	1.2	2204	3X2X2	55	7.8	4
2	2.4	4408	3.5X2X2	100	12	5.5
2L	2.4	4408	3.5X2X2	90	7	6.5
3	3.3	6612	2.5X2X2	145	13.5	6.5
5	5.5	11020	4X2.5X2.5	220	15	7
5L	5.5	11020	4X2.5X2.5	210	8.5	9
10	11	22040	4X3X3	300	19	8
12L	13.2	26448	4X3X3	310	13.5	10
20	22	44080	4X3.5X3.5	510	19	12
35	38.6	77140	6X4X4	750	23	14

Water Weights Bridge/Platform/Walkways/Floor & Slab/Testing Bags *Denotes enclosed bags

Capacity	1 ton*	5 ton*	8 ton*	25 ton	35 ton	100 ton
Length Filled	9.8 ft	8.2 ft	13 ft	13.6 ft	-	27.6 ft
Height Filled	1 ft	3.1 ft	3 ft	8.2 ft	5 ft	6 ft
Width Filled	4.6 ft	8.2 ft	7 ft	4.15 ft	-	27.6 ft
Base Size Round Dams Dia.	n/a	n/a	-	0	19.2 ft	-
When Empty & Rolled Length	1.6 ft	2.5 ft	3.3 ft	5 ft	5 ft	9 ft
Width Empty	1 ft	2.6 ft	2.6 ft	3 ft	3 ft	4.3 ft
Height Empty	1 ft	2.6 ft	2.6 ft	4 ft	3 ft	3.3 ft
Empty Weight (Kgs)	22 lbs	44 lbs	110 lbs	122 lbs	132 lbs	728 lbs

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