

WATER WEIGHTS® Water Filled Proof Load Bags

Floor testing water bags

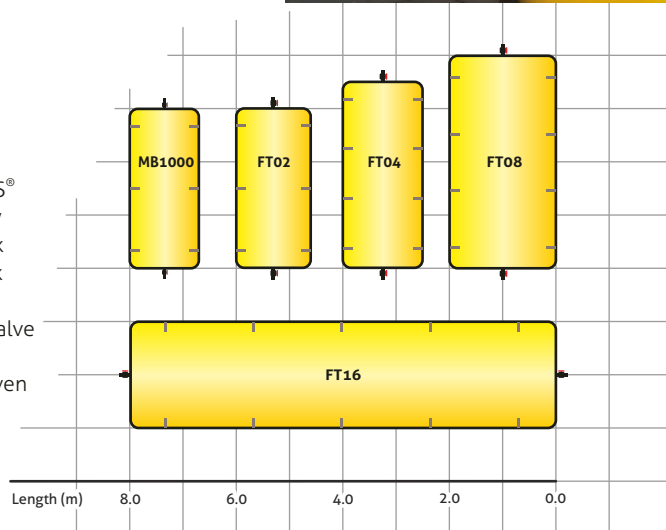
WATER WEIGHTS® bags are an ideal way to apply proof load to platforms, floors, bridges, elevators, hydraulic loading ramps or decks. Inclining tests have also been done using this type. The bags weigh less than 1% of their capacity, making handling and transport very cost effective.

Gradual increase of the load can more easily be achieved using water filled bags than using solid weights. Special combinations of different types might result up to 1000kg/m². The amount of water in the bags is measured by a calibrated flow track meter. Eventually the object to be tested can also be placed on a set of load cells to monitor the total weight or the changing center of gravity.



Technical Data

Branding: WATER WEIGHTS®
 Tolerance: ±3% of capacity
 Filling connection MB type: Male 1" Camlock
 Filling connection FT type: Male 2" Camlock
 Fitted with: Anchor tabs, Pressure relief valve
 Skin material: PVC coated, Woven Polyester Fiber



Type No	General Capacity	When stored / transported		When in use			
		L x W x H	Empty weight	Length	Width	Height	Max. floor load
MB 1000	1000 kg (1500 kg)	0.50 x 0.30 x 0.30 m	10 kg	3.00 m	1.30 m	0.30 m (0.80 m)	300 kg/m ² (450 kg/m ²)
FT 02	2000 kg	0.60 x 0.40 x 0.40 m	16 kg	3.00 m	1.40 m	0.50 m	500 kg/m ²
FT 04	4000 kg	0.80 x 0.40 x 0.40 m	40 kg	3.50 m	1.50 m	0.80 m	750 kg/m ²
FT 08	8000 kg	1.00 x 0.80 x 0.80 m	60 kg	4.00 m	2.00 m	1.00 m	1000 kg/m ²
FT 16	16000 kg	1.40 x 0.45 x 0.45 m	90 kg	8.00 m	2.00 m	1.00 m	1000 kg/m ²

Note: MB1000 and FT04 are available from our local stock, other types are available from other WW stocks, for which we need a few days to mobilize.
Note: The MB type (mattress bags) are designed to contain 1000kg in Mattress shape, with an approximate height of 0.30 m, however they can be filled to approx 1500kg maximum capacity each.

WATER WEIGHTS® Water Filled Proof Load Bags

Life boat & Gangway test bags

WATER WEIGHTS® have developed specially designed water filled proof load bags in cylindrical shape to test life boats and small gangways. Two basic types are available:

The LB type bags (for life boats) are smaller and easy to fit inside most types of life boats and are supplied in a set, complete with accessories for remote filling and draining. This way access to the life boat is not needed in the dangerous overload situation.

The GT type bags are specially designed for best fit on standard gangways and accommodation ladders to test to the highest standards.

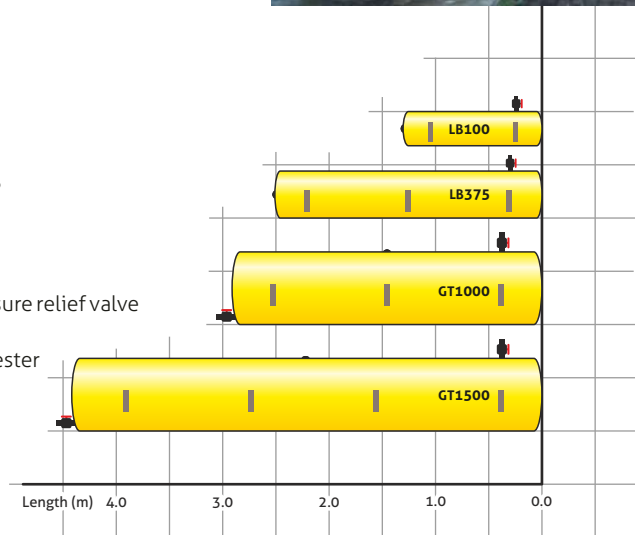


Technical Data

Branding: WATER WEIGHTS®
 Tolerance: ±3% of capacity
 Filling connection LB type: Male 1" Camlock
 Filling connection GT type: Male 2" Camlock
 Fitted with: Anchor tabs, Pressure relief valve

Skin material: PVC coated, Polyester fiber canvas

Set accessories: Draining air pump
 For items marked with * in table below
 9- way manifold
 Set of 1" hoses



General		When stored / transported				When in use		
Type No	Capacity	L x W x H	Set includes	Set weight	Empty weight	Bag diameter	Filled length	Set Capacity
LB 100	100 kg	0.80 x 1.20 x 1.00 m	20 pcs*	210 kg	6 kg	0.32 m	1.30 m	2000 kg
LB 375	375 kg	0.80 x 1.20 x 1.00 m	8 pcs*	170 kg	10 kg	0.44 m	2.50 m	3000 kg
		0.80 x 1.20 x 1.20 m	16 pcs*	290 kg	10 kg	0.44 m	2.50 m	6000 kg
GT 1000	1000 kg	1.10 x 0.40 x 0.30 m	N/A		17 kg	0.68 m	2.90 m	N/A
GT 1500	1500 kg	1.10 x 0.50 x 0.30 m	N/A		21 kg	0.68 m	4.30 m	N/A

Note: The capacities are based on the bag being filled with sea water (density 1.025 kg/L)

Note: GT bags are fitted with two filling/draining connections with valves, to increase filling and draining speed.