

Doowin Water Weight Bags

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DooFlex™ Water weight bags are simple and safe water filled crane test weights designed to proof load testing instead of traditional solid load test weights.

DOOWIN water filled load testing bags are designed for proof testing of the lifting equipment and structures, which is newly finished, or periodic check or maintenance. Such as crane load testing, beam load test, lifeboat davit load test, derrick load testing, overhead crane load test. The water bag test weights offer one kind of innovative crane load test weights solution. Moreover, it has the advantages of safety, economy, convenience, high efficiency.



Features and Advantages:

- Masterlink & Shackles, top quality EN 1677 and EN 13889.
- Polyester Webbing Lifting Straps, EN1492-2-2000 and EN1492-1-2000, provide Certificate of Conformity.
- Filling & Drain Water Hose, high quality PVC and TPU high-pressure hose with valves and camlocks.
- Complete Accessories, equipped all fittings. Ready for use. Include repair material free.
- Designed that the lifting set is separate from the water bag body. So the failure of any one webbing element will not result in failure of the lifting set or cause a local overload of the weight test water bag.

Applications:

- Crane load testing
- Beam load test
- Lifeboat davit load test
- Derrick load testing
- Overhead crane load test

Drop Test Type Certificated:

DOOWIN load testing water bags are designed, manufactured, tested and certificated in comply with LEEA 051.

Inspection:

Load test weight bags should be tested with 0.25-0.5 bar pressure, then visual check of welded seams for integrity and no leakage.

Safety Factor:

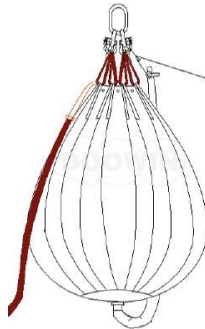
The safety factor of crane test weight bags should be proven by drop test to at least 6 times the working load limit.

Lifting Sets:

Lifting set should separate from water bags body. Comprised several elements should share the load to ensure safety.

Quality Assurance:

All DooFlex™ Proof Load Bags and Inflatable Lifting bags meets the standard of IMCA D016 and LEEA 051. DOOWIN Water Weight load testing bags passed drop test type certified by TUV. They comply to the highest industry standard to prove 6:1 safety factor comply with LEEA 051. The products passed rigorous ISO 9001:2008 Quality Management System, approved by the third party SGS, BV, CCS, ABS, LR, BV.



Specification Heavy Duty Professional Models:

Article No.	Model	Lift Capacity in kg	Lift Capacity in LBS	Dimension diameter in mtr	Filled Height in mtr	Gross Weight KG
75DOWPLB001000	PLB-1	1.000	2.200	1.3	2.2	60
75DOWPLB002000	PLB-2	2.000	4.400	1.6	2.6	80
75DOWPLB003000	PLB-3	3.000	6.600	1.8	2.8	100
75DOWPLB005000	PLB-5	5.000	11.000	2.2	3.5	120
75DOWPLB006000	PLB-6	6.000	13.200	2.3	3.6	150
75DOWPLB008000	PLB-8	8.000	17.600	2.4	3.8	180
75DOWPLB010000	PLB-10	10.000	22.000	2.7	4.0	200
75DOWPLB01250	PLB-12.5	12.500	27.500	2.8	4.5	220
75DOWPLB01500	PLB-15	15.000	33.000	3.0	5.0	240
75DOWPLB02000	PLB-20	20.000	44.000	3.5	5.8	300
75DOWPLB02500	PLB-25	25.000	55.000	3.7	6.0	330
75DOWPLB03000	PLB-30	30.000	66.000	4.0	6.5	380
75DOWPLB03500	PLB-35	35.000	77.000	4.2	7.0	420
75DOWPLB05000	PLB-50	50.000	110.000	4.6	7.6	560
75DOWPLB07500	PLB-75	75.000	165.000	5.3	8.8	750
75DOWPLB10000	PLB-100	100.000	220.000	5.8	9.6	900

