

Rev2- August, 2018

CRANE CERTIFICATION FLUID WEIGHT WATER BAGS



Streamline your crane testing operations with the Canflex water filled Crane Certification Fluid Weight Water Bags. Made from 100% "High Tenacity" PVC coated polyester fabric material which comes ready with: safety bolt type shackles, master link, fluid transfer fittings, hoses, ball valves, and load cells required for operation.

These bags can also be used as an emergency fluid storage container.

Some of the Crane Certification Fluid Weight Water Bags features are:

- Multiple clusters of up to 300t from a single hook (3 x CT/CPS-100) can be used for larger test loads.
- Foldable for easy storage and transportation.
- Used worldwide for ship-deck cranes, offshore rigs and general purpose cranes.
- Sizes 1 to 10 Tonnes water bags shipped with carry/ storage bag. Sizes 12.5 to 100 Tonnes water bags includes clip-lok wood shipping / storage box.
- Used worldwide for ship-deck cranes, offshore rigs, and general purpose cranes.
- Water Bag 3D Model FEA (Finite Element Analysis) Force & Stress
- All Canflex water bags with "Generic" **ABS Weight & Volume Certifications.**
- All **Canflex** Crane Test Water Bags maintain a minimum **7:1 Safety Factor** of the operational water test bag's Working Load.
- Test multiple crane sizes with one fluid weight.
- All products are Manufactured in accordance with **ISO 9001:2015** Quality Management Standard. Canflex (USA) Inc holds certificate No FM 517957
- **Capacities range from 1 to 100 Tonnes (1,000 to 100,000 Kg).**

LIFEBOAT TEST WATER BAGS

Lifeboat test water bags are used for evenly distributed load tests. These test water bags come with fill/offload fittings and an automatic relief valve which is activated once the lifeboat bags achieves the desired weight. **Capacities 100; 250; 375, 400 and 500 Kg.**



Optional Accessories

Accessories / Parts Included

- **1" NPT flange connection
- 3/4" Threaded Plug with lanyard Drain / Vent
- Relief Valve

** 2" Also available

- 1" Ball valve w/ female camlock
- 20 ft x 1" suction hose with camlocks
- Port Drain Manifold w/ camlocks(4 or 6 ports)
- 50 ft x 2" discharge fire hose
- Water meter (Gallons or m3)
- Air driven double Diaphragm pump
- 6 ft x 2" suction hose with camlocks
- Clip-lok shipping wood box
- Complete Fill/ Offload LBB kit

LOAD CELLS & LOAD SHACKLES

- **Load Cells -Capacities 5 to 500 Tonnes.**
- **Load Shackles Capacities 6.5 to 1,000 Tonnes**
- Aluminum carry/ storage case
- Wireless & cabled Remote Readout
- High Resolution Digital Display
- Multi Unit Operation In One Area
- Link Switch On/Off From Hand Held
- 4 Switch Units Lbs/Ton/ Kg/Tonnes
- Operates On AA Alkaline Batteries
- 500 hour battery Life
- Up to 550 yd (500m) operating range
- Safety Bolt Type Shackles
- User friendly



CANFLEX (USA) INC "CRANE CERTIFICATION FLUID WEIGHT WATER BAGS"

MODEL		Weight	Volume	Empty Height (Length)	Filled Height (L)	Max Diam (ø)	Dry Weight without accessories	Fittings	Shipping Volume with accessories	Shipping Weight with Accessories
		Kg	Liters / m ³	m	m	m	Kg	3"NPT	M ³	Kg
		lbs	USG	ft	ft	ft	lbs	4"NPT	ft ³	lbs
*	CT/CPS-1LH (TONNE)	1,000	1,000 / 1	2.52	2.23	1.39	36	2	^a 0.85	^a 64
		2,204	264	8.27	7.33	4.56	80	0	^a 30	^a 140
*	CT/CPS-2LH (TONNE)	2,000	2,000 / 2	2.87	2.6	1.65	41	2	^a 0.85	^a 68
		4,409	528	9.41	8.5	5.43	90	0	^a 30	^a 150
*	CT/CPS-3LH (TONNE)	3,000	3,000 / 3	3.38	2.97	1.82	50	2	^a 0.85	^a 77
		6,613	792	11.11	9.75	6.0	110	0	^a 30	^a 170
*	CT/CPS-4LH (TONNE)	4,000	4,000 / 4	3.41	3.07	1.88	64	2	^a 1.13	^a 90
		8,818	1,056	11.22	10.1	6.16	141	0	^a 40	^a 200
*	CT/CPS-5LH (TONNE)	5,000	5,000 / 5	4.14	3.52	2.13	80	3	^a 1.13	^a 127
		11,023	1,320	13.60	11.58	7.0	176	0	^a 40	^a 280
*	CT/CPS-6LH (TONNE)	6,000	6,000 / 6	4.39	3.91	2.28	86	3	^a 1.13	^a 131
		13,227	1,585	14.41	12.83	7.48	189	0	^a 40	^a 290
*	CT/CPS-8LH (TONNE)	8,000	8,000 / 8	4.54	3.93	2.52	104	3	^a 1.13	^a 156
		17,636	2,113	14.91	12.91	8.27	230	0	^a 40	^a 345
*	CT/CPS-10LH (TONNE)	10,000	10,000 / 10	5.18	4.49	2.70	130	3	^a 1.36	^a 181
		22,046	2,641	17.0	14.75	8.90	286	0	^a 48	^a 400
*	CT/CPS-12.5LH (TONNE)	12,500	12,500 / 12.5	5.43	4.62	2.86	154	3	^b 1.36	^b 254
		27,558	3,302	17.91	15.16	9.39	340	0	^b 48	^b 560
**	CT/CPS-15 (TONNE)	15,000	15,000 / 15	6.24	5.48	2.95	159	3	^b 1.36	^b 263
		33,069	3,962	20.50	18.00	9.70	350	0	^b 48	^b 580
**	CT/CPS-20 (TONNE)	20,000	20,000 / 20	6.78	6.04	3.42	224	1	^c 1.81	^c 376
		44,100	5,283	22.25	19.83	11.25	492	1	^c 64	^c 830
***	CT/CPS-25 (TONNE)	25,000	25,000 / 25	7.51	6.40	3.75	315	1	^c 1.81	^c 416
		55,115	6,604	24.66	21.0	12.33	695	1	^c 64	^c 917
***	CT/CPS-35 (TONNE)	35,000	35,000 / 35	8.07	7.11	3.91	417	1	^c 2.0	^c 521
		77,161	9,246	26.50	23.33	12.83	920	1	^c 71	^c 1150
***	CT/CPS-40 (TONNE)	40,000	40,000 / 40	8.71	7.72	4.07	440	1	^d 2.6	^d 567
		88,184	10,566	28.58	25.33	13.36	970	1	^d 92	^d 1250
****	CT/CPS-50 (TONNE)	50,000	50,000 / 50	8.99	7.77	4.56	544	1	^d 3.1	^d 796
		110,231	13,208	29.50	25.50	14.96	1200	1	^d 112	^d 1755
****	CT/CPS-100 (TONNE)	100,000	100,000 / 100	11.27	10.00	5.65	952	1	^e 4.5	^e 1450
		220,462	26,420	37.00	32.90	18.56	2100	2	^e 160	^e 3200

LIFEBOAT TEST WATER BAGS

MODEL		Weight	Volume	Diameter	Length	Dry Weight
		Kg	Liters / m ³	m	m	Kg
		lb	USG	in	in	lb
*	LBB-100	100	100 / 0.10	0.32	1.5	7
		221	26.4	12.5	59	15
*	LBB-250 LBB/FB-250 ^f	250	250 / 0.25	0.51	1.6	9
		551	66.1	20.0	63	20
*	LBB-375 LBB/FB-375 ^f	375	375 / 0.375	0.51	2.26	10
		826	99.2	20.0	89	22
*	LBB-400 LBB/FB-400 ^f	400	400 / 0.40	0.51	2.40	11
		881	105.8	20.0	94.5	25
*	LBB-500 LBB/FB-500 ^f	500	500 / 0.50	0.51	2.9	13
		1,102	132.0	20.0	114	28

MATERIAL SPECIFICATIONS: "High Tenacity PVC coated Polyester Fabric" - with RF (HF) Welded seams

(*) Material Weight 48 oz/yd² (1622 g/m²). Tensile Strength 924 lbs/in (8090 N/5cm); 4x2 Panama weave;
 (**) Material Weight 56 oz/yd² (1884 g/m²). Tensile Strength 1260 lbs/in (11034 N/5cm); 4x4 Panama weave
 (***) Material Weight 67 oz/yd² (2278 g/m²). Tensile Strength 2112 lbs/in (18500 N/5cm); 4x4 Panama weave;
 (****) Material Weight 89 oz/yd² (3024 g/m²). Tensile Strength 2258 lbs/in (19780 N/5cm); 6x6 Panama weave

NOTES

- Dry Weight does not include hoses and PVC ball valves.
- "LH" Designates LOW HEADROOM (short) Water Bag
- 250 Kg and 500 Kg Fluid Weight Water Bags also available. These bags are tetrahedron shape.
- a) Shipping with carry/storage bag made of 18 oz/yd²PVC material; b) Shipping with Clip-Lok style Wood box: 48" x45" x 29"H; c) Shipping with Clip-Lok style Wood box: 48" x45"x 53"H;
- d) Shipping with Clip-Lok style Wood box: 62" x 45" x 62"H; e) Shipping with Clip-Lok style Wood box: 88" x 76" x 62"H; f) Gangway Load Test Bags with flat bottom

