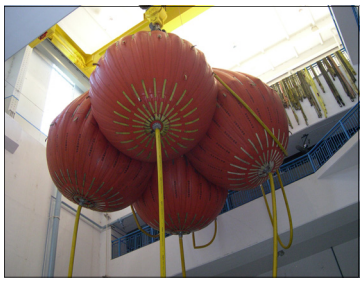
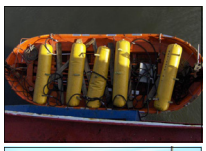
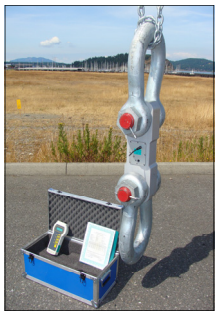
canflex (USA) Inc.

ISO 9001-2008
FM 517957







*Rev1- February, 2015*

## *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 used as an emergency fluid storage container.

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

- Foldable for easy storage and transportation.
- Sizes 1 to 10 Tonnes water bags shipped with carry/ storage bag.
  Sizes 12.5 to 50 Tonnes water bags includes clip-lok wood shipping / storage box.
- Used worldwide for ship-deck cranes, offshore rigs, and general purpose cranes.
- 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 9001:2008** Quality Management Standard. Canflex (USA) Inc holds certificate No FM 517957
- **Capacities range from 1 to 50 Tonnes ( 1,000 to 50,000 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 and 400 Kg.**

Accessories / Parts Included

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

*** 2" Also available*

Optional Accessories

- 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*

- **Capacities 5 Tonnes to 500 Tonnes.**
- Aluminum carry/ storage case
- Wireless & cabled Remote Readout
- High Resolution Digital Display
- Multi Unit Operation In One Area
- Certificate of Calibration
- 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

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canflex (USA) Inc.

*Revised February, 2015*

## *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 | 1,000 | 1,000 / 1 | 2.52 | 2.23 | 1.39 | 36 | 2 | [a] 0.85 | [a]64 |
| | (TONNE) | 2,204 | 264 | 8.27 | 7.33 | 4.56 | 80 | 0 | [a] 30 | [a]140 |
| * | CT/CPS-2LH | 2,000 | 2,000 / 2 | 2.87 | 2.6 | 1.65 | 41 | 2 | [a] 0.85 | [a]68 |
| | (TONNE) | 4,409 | 528 | 9.41 | 8.5 | 5.43 | 90 | 0 | [a] 30 | [a]150 |
| * | CT/CPS-3LH | 3,000 | 3,000 / 3 | 3.38 | 2.97 | 1.82 | 50 | 2 | [a] 0.85 | [a]77 |
| | (TONNE) | 6,613 | 792 | 11.11 | 9.75 | 6.0 | 110 | 0 | [a] 30 | [a]170 |
| * | CT/CPS-4LH | 4,000 | 4,000 / 4 | 3.41 | 3.07 | 1.88 | 64 | 2 | [a] 1.13 | [a]90 |
| | (TONNE) | 8,818 | 1,056 | 11.22 | 10.1 | 6.16 | 141 | 0 | [a] 40 | [a]200 |
| * | CT/CPS-5LH | 5,000 | 5,000 / 5 | 4.14 | 3.52 | 2.13 | 80 | 3 | [a] 1.13 | [a]127 |
| | (TONNE) | 11,023 | 1,320 | 13.60 | 11.58 | 7.0 | 176 | 0 | [a] 40 | [a]280 |
| * | CT/CPS-6LH | 6,000 | 6,000 / 6 | 4.39 | 3.91 | 2.28 | 86 | 3 | [a] 1.13 | [a]131 |
| | (TONNE) | 13,227 | 1,585 | 14.41 | 12.83 | 7.48 | 189 | 0 | [a] 40 | [a]290 |
| * | CT/CPS-8LH | 8,000 | 8,000 / 8 | 4.54 | 3.93 | 2.52 | 104 | 3 | [a] 1.13 | [a]156 |
| | (TONNE) | 17,636 | 2,113 | 14.91 | 12.91 | 8.27 | 230 | 0 | [a] 40 | [a]345 |
| * | CT/CPS-10LH | 10,000 | 10,000 / 10 | 5.18 | 4.49 | 2.70 | 130 | 3 | [a] 1.36 | [a]181 |
| | (TONNE) | 22,046 | 2,641 | 17.0 | 14.75 | 8.90 | 286 | 0 | [a] 48 | [a]400 |
| * | CT/CPS-12.5LH | 12,500 | 12,500/ 12.5 | 5.43 | 4.62 | 2.86 | 154 | 3 | [b] 1.36 | [b] 254 |
| | (TONNE) | 27,558 | 3,302 | 17.91 | 15.16 | 9.39 | 340 | 0 | [b] 48 | [b] 560 |
| ** | CT/CPS-15 | 15,000 | 15,000 / 15 | 6.24 | 5.48 | 2.95 | 159 | 3 | [b] 1.36 | [b] 263 |
| | (TONNE) | 33,069 | 3,962 | 20.50 | 18.00 | 9.70 | 350 | 0 | [b] 48 | [b] 580 |
| ** | CT/CPS-20 | 20,000 | 20,000 / 20 | 6.78 | 6.04 | 3.42 | 224 | 1 | [c] 1.81 | [c]376 |
| | (TONNE) | 44,100 | 5,283 | 22.25 | 19.83 | 11.25 | 492 | 1 | [c] 64 | [c]830 |
| *** | CT/CPS-25 | 25,000 | 25,000 / 25 | 7.51 | 6.40 | 3.75 | 315 | 1 | [c] 1.81 | [c]416 |
| | (TONNE) | 55,115 | 6,604 | 24.66 | 21.0 | 12.33 | 695 | 1 | [c] 64 | [c]917 |
| *** | CT/CPS-35 | 35,000 | 35,000 / 35 | 8.07 | 7.11 | 3.91 | 417 | 1 | [c] 2.0 | [c]521 |
| | (TONNE) | 77,161 | 9,246 | 26.50 | 23.33 | 12.83 | 920 | 1 | [c] 71 | [c]1150 |
| *** | CT/CPS-40 | 40,000 | 40,000 / 40 | 8.71 | 7.72 | 4.07 | 440 | 1 | [d]2.6 | [d]567 |
| | (TONNE) | 88,184 | 10,566 | 28.58 | 25.33 | 13.36 | 970 | 1 | [d] 92 | [d]1250 |
| **** | CT/CPS-50 | 50,000 | 50,000 / 50 | 8.99 | 7.77 | 4.56 | 544 | 1 | [d]3.1 | [d]796 |
| | (TONNE) | 110,231 | 13,208 | 29.50 | 25.50 | 14.96 | 1200 | 1 | [d]112 | [d]1755 |

## *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 | 250 | 250 / 0.25 | 0.51 | 1.6 | 9 |
| | LBB/FB-250 [e] | 551 | 66.1 | 20.0 | 63 | 20 |
| * | LBB-375 | 375 | 375 / 0.375 | 0.51 | 2.26 | 10 |
| | LBB/FB-375 [e] | 826 | 99.2 | 20.0 | 89 | 22 |
| * | LBB-400 | 400 | 400 / 0.40 | 0.51 | 2.40 | 11 |
| | LBB/FB-400 [e] | 881 | 105.8 | 20.0 | 94.5 | 25 |

**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) Gangway Load Test Bags with flat bottom

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