



canflex (USA), Inc.

"100 Tonne Crane Test Water Bag"



200 Tonne Load Test



Full Capacity:
110 Metric Tonne

- 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.
- Water Bag 3D Model FEA (Finite Element Analysis) Force & Stress
- 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
- Final weight of 110 Tonne to compensate for weight lost when in cluster



Aerial View at
Full Capacity

DIAMETER

BOTTOM VIEW

FRONT VIEW

FILLED HEIGHT

MATERIAL CONSTRUCTION SPECIFICATIONS

PVC COATED TYPE	WEIGHT g/m ² oz/yd ²	FABRIC TYPE	FABRIC PROPERTIES	TENSILE STRENGTH N/5cm lb/in	TEAR RESISTANCE N lb
Oil & Fuel Resistant	3,024 89.0	Polyester	Weave 830 Panama Threads/cm W/F: 18/16	19,780 2,258	4,694 1,055

FITTINGS:

FLANGES: Anodized marine aluminum w/stainless steel fasteners.

CAMLOCK: (Cam & Groove quick coupling): Anodized marine aluminum

ISOMETRIC VIEW

MADE IN
USABS EN ISO 9001:2015
FM 517957

ITEM NO.	QTY. REQD.	DESCRIPTION	PART #
1	1	3-1/4" MASTER LINK ASSY/- WLL:124.8 TONNE	MT-32-10
2	5	1-3/4" BOW TYPE SAFETY SHACKLE with bolt, nut and cotter pin -WLL 25 TONNE	SKL-162BN
3	3	1/2" PULLEY W/ 1/2" X 150FT (46 M) SINGLE BRADE NYLON ROPE (OPTIONAL)	PY-0.25/RP-100
4	10	POLYESTER ROUND-SLING/ BASKET WLL 42,400 LBS	OL7X6
5	20	HD CLAMPED SHOCK CORD W/ 3/8" SHACKLE "GROMMET INSIDE BUNGEE"	BNG1-100
6	10	HD CLAMPED SHOCK CORD W/ 3/8" SHACKLE "SNUBBER OUTSIDE BUNGEE"	BNG2-100
7	2	4" FILL / DISCHARGE BALL VALVE W/ ALUMINUM MALE & FEMALE CAMLOCKS	BV/PVC40F/40B
8	1	COLLAR ASSY W/ 30X3" STRAPS & INNER COLLAR -WLL of 100 TONNE/-S.F: 7;1	CLLR-100
9	2	ALUMINUM -6" NPT CONNECTION W/ MALE CAMLOCK	8X9FLN/80A
10	1	ALUMINUM -3" NPT CONNECTION W/ MALE CAMLOCK & SWIVEL	3X8FLN/30A-SVL
11	2	4" DIA. X 15.2 m (50ft) LAYFLAT HOSE W/ MALE & FEMALE CAMLOCKS	MF/4H100
12	30	POCKET SCREENED-"CANFLEX" - OPTIONAL-Customer Name	SCRN-C
13	2	CERTIFIED UPPER & LOWER 4" BELLY BANDS- FABRIC STRESS REDUCERS	BB/100-1&2
14	10	500 lb SWL HEAVY DUTY HANDHOLD W/ 2" WEBBING	HDL
15	1	6" FEMALE CAMLOCK X 2x4" MALE CAMLOCK	60C x 40AY
PARTS & ACCESSORIES INCLUDED			
NOT SHOWN ON GA DRAWING			
-	1	3" DIA. X 15.2 m (50ft) LAYFLAT HOSE W/ MALE & FEMALE "ELBOW" CAMLOCKS	MF-90DEG/H100
-	1	SHIPPING /STORAGE ALUMINUM CONTAINER (100 X 75 X 65.5"H)	ALCNT4
-	1	TOOL BOX REPAIR KIT	RPR/KIT-CPS100
-	1	MANUAL WITH GENERIC WEIGHT & VOLUME "ABS" CERTIFICATE	MNL/CPS100

WATER BAG TECHNICAL SPECIFICATIONS

MODEL	*WEIGHT	VOLUME	EMPTY HEIGHT	FILLED HEIGHT	DIAMETER	**EMPTY WEIGHT
	Kg / Tonne Lbs	m ³ USG	m ft	m ft	m ft	Kg Lbs
CT/CPS-100	100,000 / 100.0	100.0	11.27	10.0	5.65	1,150
	220,462	26,420	37.0	32.9	18.56	2,500

*Weight when filled with fresh water . Final weight of 110t to compensate for weight lost when in cluster
 ** Empty Weight includes all accessories (hoses, ball valves, shackles, master link, etc)



PROJECT:
100 TONNE CRANE TEST WATER BAG

SCALE: N.T.S

DATE: 12/03/2019

CT/CPS-100

DRAWN: F.Y., DRWG #:0221-01
REVISED: 02/01/2021

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