canflex (USA), Inc.

"Heli-Liftable Tanks"

Technical specifications

Body Material: 49 oz/yd² and 77 oz/yd² Urethane

Material Fuel Compatibility: Diesel, JP Fuel, MOGAS. AVGAS, Kerosene, Lube Oils

Flanges w/ M camlock & cap: 1" or 2" Aluminum w/ SS bolts

Capacities: 200 to 2,000 Liters (55 to 530 U.S. gal)

Included Accessories

Ball valves with camlocks

90 deg elbow with camlocks

Spark Arrestor-Vent (Hydrocarbons) or Relief valve (Water)

Tool box: Repair Kit (Optional) and Operator Manual

Safety Bolt Type Anchor shackle

Shipping / Storage: Carry / Storage Bag made of 18oz PVC

Features

- *Fuel material with Military certifications MIL-T-53983 and MIL-PRF-32233*
- *One single lift point with bolt type anchor shackle.*
- *Certified Lift straps (HLC-250 & 500)*
- *HLC tanks maintain a minimum 7:1 Safety Factor of the operational load (HLC-250 & 500)*
- *Material and all fittings are appropriate for either potable water or hydrocarbons.*
- *Potable Water material available w/ NSF 61 certifications.*
- *Fast response tanks that take just minutes to set up with limited personnel.*
- *Ideal for liquid transport to and from remote locations.*
- *3" fittings also available (Optional for HLC-250 & 500)*

Applications include, but not limed to:

- *Fuel or Water (Fresh / Potable) Transport*
- *Helicopter hoist testing / maintenance or training*
- *Remote Location Collection*
- *Spill Response*
- *Fire Fighting Efforts*
- *Transport and storage of essential fluids to populations effected by tsunamis, earthquakes, etc..*

These flexible bulk liquid storage tanks can be transported by helicopter, boat or truck to remote locations.

When empty, these units collapse vertically to a fraction of their filled size for easy storage and transportation.

The Canflex "HLC" is a conical shaped helicopter transportable tank which has lifting straps integral to the tank leading to a single lifting point.
The conical design of the HLC gives the tank stability even if filled on uneven surfaces.

Canflex superior engineering and design combined with very robust materials allows the "HLC" to be used repeatedly, whether it be remote transport of fluids, hoist maintenance or hoist training.

Each tank comes with Fill / Offloading connections, vent connection with spark arrestor (fuel transport) or a automatic relief valve (hoist / water weight applications) and its appropriated harness. Fittings are all appropriate for either potable water or hydrocarbons.

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canflex (USA), Inc.

"HELI-TANK" HELI-LIFTABLE CONICAL SHAPED TANK

MODEL	Capacity	Base Diameter (ø)	Top Diameter (ø)	Height	Filled Weight	Dry Weight w/ accessories	Operational Pressure
	Liters	m	m	m	Kg	Kg	Kpa
	U.S. gal	inches	inches	inches	lbs	lbs	PSI
*HLC-500	2000	1.72	1.01	1.34	2064	64	55.1
	530	68.0	40.0	53.0	4450	140	8.0
*HLC-250	1000	1.47	0.81	1.01	1041	41	55.1
	264	58.0	32.0	40.0	2300	90	8.0
**HLC-100	378	1.01	0.50	0.83	405	27	55.1
	100	40.0	20.0	33.0	890	60	8.0
**HLC-75	284	0.81	0.50	0.63	300	16	55.1
	75	32.0	20.0	23	660	35	8.0
**HLC-55	210	0.81	0.50	0.63	224	14	55.1
	55	32.0	20.0	20	495	30	8.0

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

*(*) Material Weight **77 oz/yd²** (2,618 g/m²).*
Tensile Strength 1300 lbs/in (5780 N/5cm) ; 75,000 Cycles abrasion resistance ; High / Low Temp 180°F / -51°F (82°C / -60°C)

*(**) Material Weight **49 oz/yd²** (1,668 g/m²).*
Tensile Strength 1200 lbs/in (5340 N/5cm) ; 12,000 Cycles abrasion resistance ; High / Low Temp 160°F / -50°F (80°C / -45°C)

bsi. ISO 9001:2015 Quality Management

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