



# canflex (USA), Inc.

## Heli-Liftable Tanks

### Technical Specifications

Body Material: 49 oz/yd<sup>2</sup> and 77 oz/yd<sup>2</sup> 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 US gal)

### Included Accessories

Ball valves with camlocks

90 degree elbow with camlocks

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

Toolbox: Repair Kit (Optional) and Operation Manual

Safety bolt type anchor shackle

Shipping/Storage/Carry Bag made of 18 oz 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
- Ideal for liquid transport to and from remote locations
- 3" fittings also available (Optional for HLC-250 & 500)

### Common Applications

- Fuel or Water (Fresh or 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.



**CANFLEX Heli-Liftable tanks can be transported by helicopter, boat or truck to remote locations.**

**Fast Response** tanks that take just minutes to set up with limited personnel.

**Easy Storage and Transportation** since these units collapse vertically when empty to a fraction of their filled size.

**Stability** is provided by the conical design even if filled on uneven surfaces. Certified lifting straps are integral to the tank leading to a single lifting point.

**Superior Design and Robust Materials** allow the "HLC" to be used repeatedly, whether it be remote transport of fluids, hoist maintenance or hoist training.

**Complete and Ready to Use**, each tank comes with useful accessories: Fill / Offloading connections, vent connection with spark arrestor (fuel transport) or an automatic relief valve (hoist / water weight applications) and its appropriated harness. Fittings are all appropriate for either potable water or hydrocarbons.





## HELI-TANK (HLC) 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/yd<sup>2</sup>** (2,618 g/m<sup>2</sup>).

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/yd<sup>2</sup>** (1,668 g/m<sup>2</sup>).

Tensile Strength 1200 lbs/in (5340 N/5cm) ; 12,000 Cycles abrasion resistance ; High / Low Temp 160°F / -50°F ( 80°C / -45°C)

