

ZCL
COMPOSITES INC.



PREZERVER™

Fiberglass Double Wall Underground Storage Tank Systems



The Double Wall Storage Tank System of Choice...

Your best response to secondary containment regulations...

“PREZERVER™ Tanks are designed for environmentally safe underground storage of petroleum products, alcohol blended fuels and a variety of chemicals.”

If legislation requires you to install secondary containment, ZCL Prezerver™ double wall tanks make compliance easy and economical.

100% premium grade resin and double wall reinforced plastic provides long lasting corrosion free internal and external service.

No more leaks or spills due to corrosion,

ZCL tanks simply will not rust!

Prezerver™ tanks can be installed individually or coupled with a completely integrated underground user friendly storage and handling system including double wall flexible piping, engineered pre-cast concrete anchors and fiberglass straps, containment and dispenser sumps, and a leak detection system.

Installation costs are reduced – **No Heavy cranes are necessary** thanks to Prezerver's lightweight construction.



Strong & durable...

ZCL tanks are engineered to withstand H-20 axle loading of 32,000 lbs per axle. Prezerver's

integral rib/tank interface (no rib delamination) allows burial to a depth of seven feet in wet or dry soil conditions. Tanks range in size (2500–100,000 litres) and formats, **including cost effective multi compartments** which allow you to store 2 or more products in the same tank.

A true long term asset, Prezerver™ tanks **can be moved and reused, even after many years** of trouble-free service.

Your quality assurance...

All Prezerver™ tanks are manufactured to applicable ULC requirements and are backed by a comprehensive warranty.

The only tank that guarantees long term 'peace of mind' with a 30 YEAR Comprehensive Warranty

Five important factors to consider before buying a tank...

1 Does it offer true secondary containment?

Prezerver™ double-wall tanks give you two levels of protection, so you have twice the assurance and risk management of any single-wall tank. The primary tank is designed to contain your fuel. In the unlikely event that there is a breach in the inner wall, the secondary wall (a full 360 degree containment) is designed to contain your product and prevent a spill into the environment.

2 Are both walls rust-proof and maintenance-free?

ZCL's Prezerver™ fiberglass double-wall tanks are rust-proof, maintenance free and formulated to be compatible with all petroleum fuel products, alcohols and alcohol-gasoline mixtures.





Get the permanent solution for safe secondary containment...



Turbine Enclosure protects submersible pump from corrosive soil. Provides secondary containment of possible leaks from pump or piping.

Double Wall Fiberglass is rust-proof inside and out, 100% resin & glass construction is maintenance free, easy to handle and requires no expensive cathodic protection.

Pre-cast Concrete Tank Anchors – eliminate the need of pour-in-place concrete pad and are designed to prevent uplift at full flood conditions. Hook to hook non-corrosive fiberglass straps with galvanized turnbuckles provide convenience and security.

Annular Space between inner and outer walls provides continuous leak detection of both walls. Interstice cavity can be shipped from the factory brine-filled.

Tank Mounted Fittings – provide access for high/low level electronic inventory gauges and pump out.

Monitor Reservoir allows precision tank testing and leak detection by providing Four low cost Monitoring Options - Pressure, Vacuum, Dry and Hydrostatic.

Integrally Constructed Ribs – Ultra-strong and robust, Prezerver™ tanks are engineered to withstand H-20 axle loading of 32,000lbs per axle. Tanks can be buried to depths of 7ft. and more.



PREZERVER™ *Double Wall Fuel storage Tank*

Designed to deliver
more than twice the service life
of other tanks!

3

Can it be pressure tested on-site?

Unlike other types of double-wall or jacketed tanks, Prezerver's secondary containment can be pressure tested at the installation site both prior to and after installation.

4

Can both walls be monitored for structural integrity?

ZCL's advanced double-wall technology uses an amazing 3D glass fabric that's cured with thermosetting resin to create an interstitial space "sandwich" laminate. Both inner and outer walls are bonded together, providing walls which can be easily monitored for structural integrity.

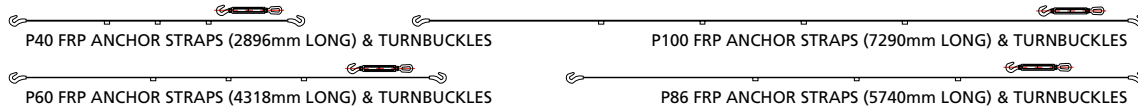
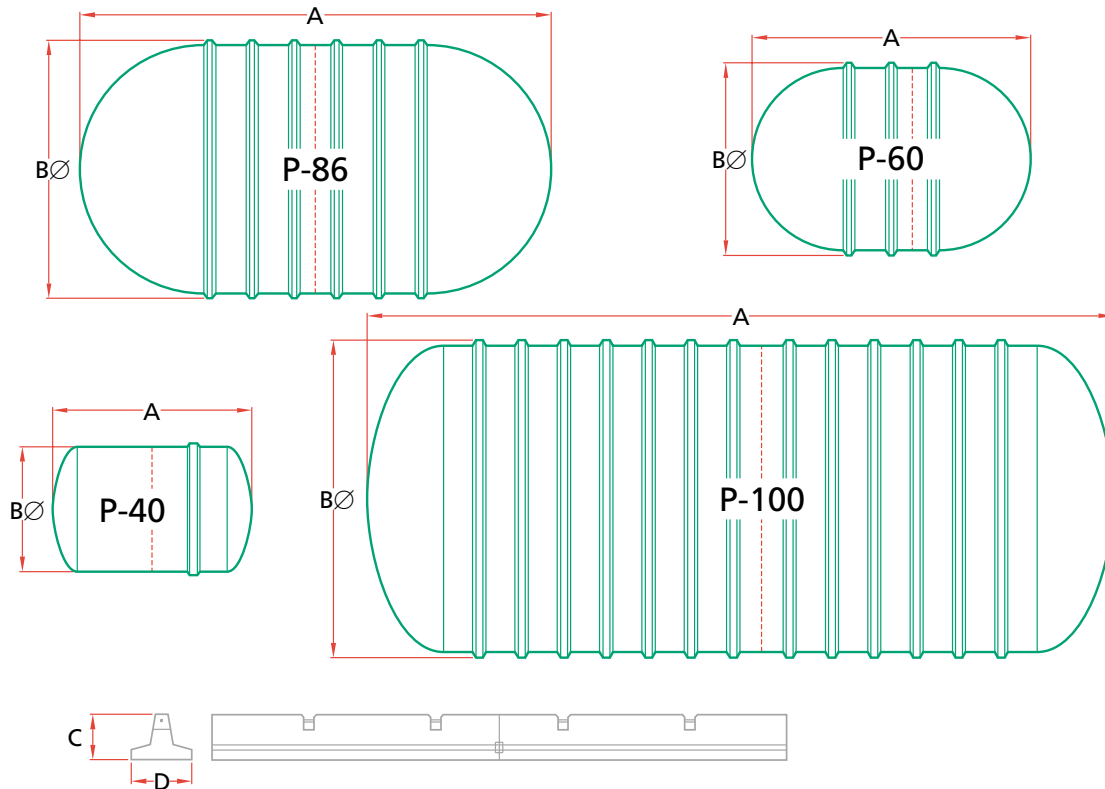
5

Does it promise long life?

Prezerver™ fiberglass double-wall tanks are ULC-listed for underground storage applications. Fiberglass simply does not corrode which makes Prezerver™ likely the last tank you will ever have to buy.

ZCL PREZERVER™ Tank Specification Sheet

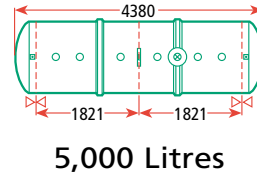
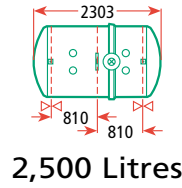
For P40, P60, P86, and P100 Series Double Wall Tanks with ZCL Tank Anchors & Straps



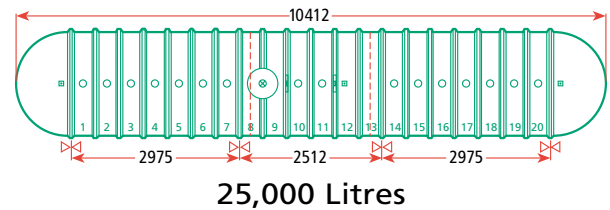
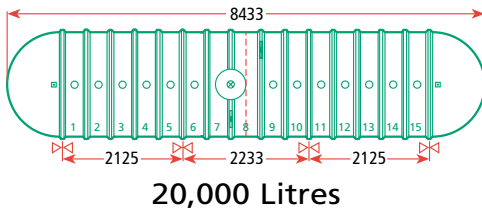
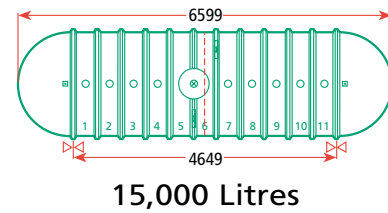
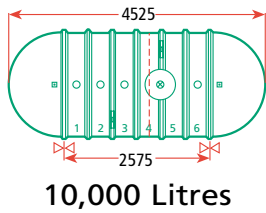
Model Number & Nominal Capacity	Actual Capacity	Dimension (mm)				No. of Anchors	No. of Straps	Nominal Weight (kg)	
		A	B	C	D			Tank	Anchors
P40DW - 2,500 L	2,538 L	2303	1256	305	457	2	2	153	957
P40DW - 5,000 L	5,073 L	4380	1256	305	457	2	2	293	1,763
P60DW - 10,000 L	10,002 L	4525	1930	457	610	2	2	662	3,005
P60DW - 15,000 L	15,339 L	6599	1930	457	610	2	2	867	4,382
P60DW - 20,000 L	20,042 L	8433	1930	457	610	2	4	1,043	5,600
P60DW - 25,000 L	25,135 L	10412	1930	457	610	4	4	1,200	6,914
P86DW - 15,000 L	15,003 L	3980	2590	457	610	2	2	744	2,643
P86DW - 20,000 L	20,523 L	5134	2590	457	610	2	2	918	3,409
P86DW - 25,000 L	25,006 L	6073	2590	457	610	2	2	1,051	4,032
P86DW - 30,000 L	30,689 L	7259	2590	457	610	2	4	1,228	4,820
P86DW - 35,000 L	35,003 L	8160	2590	457	610	2	4	1,357	5,418
P86DW - 40,000 L	40,854 L	9384	2590	457	610	4	4	1,538	6,231
P86DW - 45,000 L	45,541 L	10361	2590	457	610	4	4	1,675	6,880
P86DW - 50,000 L	50,004 L	11300	2590	457	610	4	4	1,807	7,503
P86DW - 60,000 L	60,541 L	13501	2590	457	610	6	6	2,000	8,965
P86DW - 65,000 L	65,407 L	14522	2590	457	610	6	6	2,200	9,643
P100DW - 50,000 L	50,228 L	7449	3188	457	610	4	4	2,699	4,946
P100DW - 60,000 L	60,219 L	8827	3188	457	610	4	6	2,961	5,861
P100DW - 75,000 L	75,288 L	10903	3188	457	610	6	6	3,371	7,240
P100DW - 90,000 L	90,996 L	13068	3188	457	610	6	8	3,896	8,677
P100DW - 100,000 L	100,261 L	14345	3188	457	610	6	8	4,158	9,525

Dimensional Data

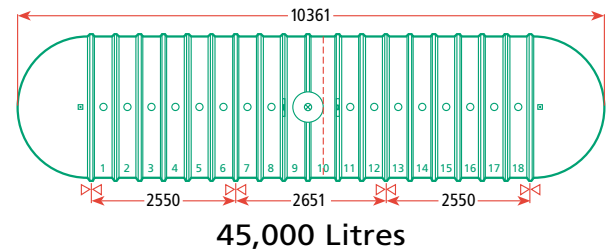
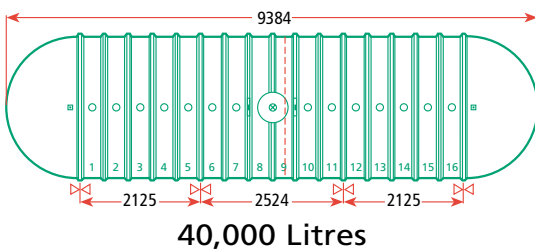
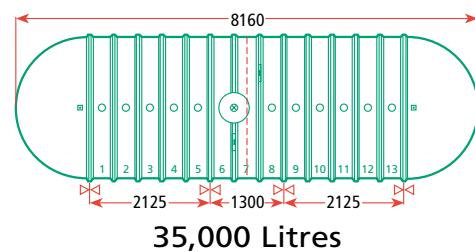
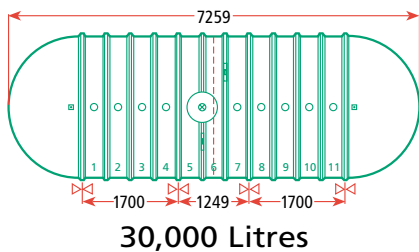
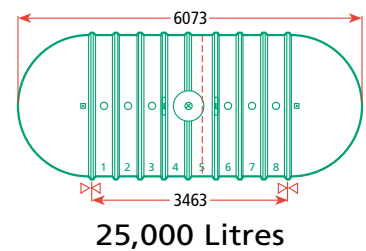
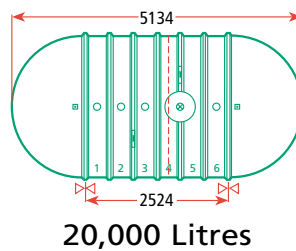
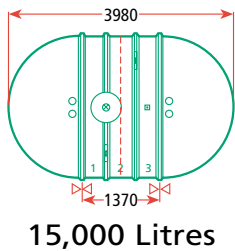
4 ft. Tanks – P40DW Series



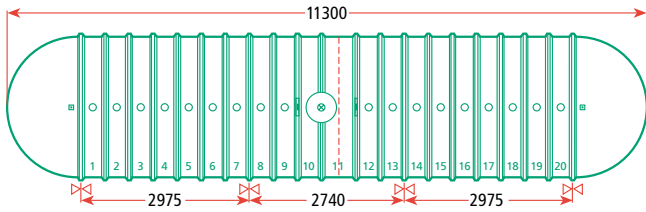
6 ft. Tanks – P60DW Series



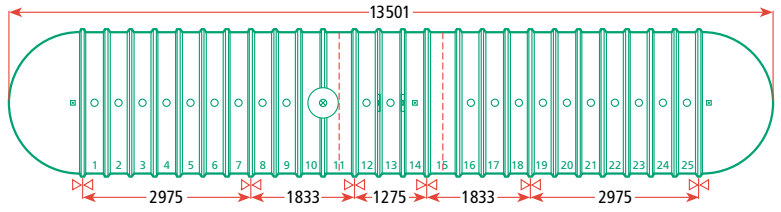
8½ ft. Tanks – P86DW Series



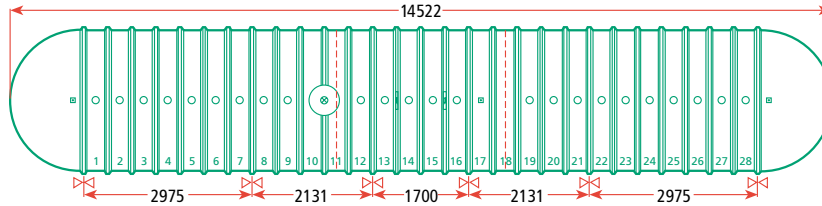
8½ ft. Tanks – P86DW Series (continued)



50,000 Litres

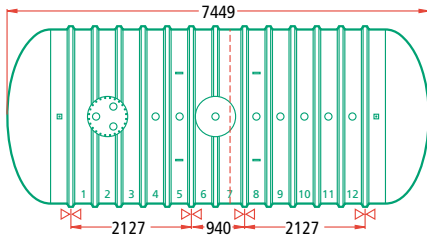


60,000 Litres

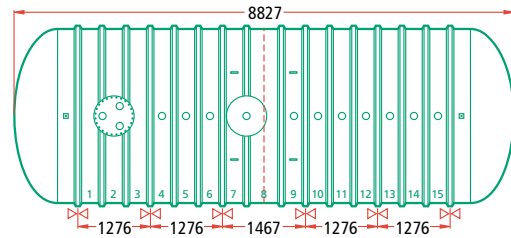


65,000 Litres

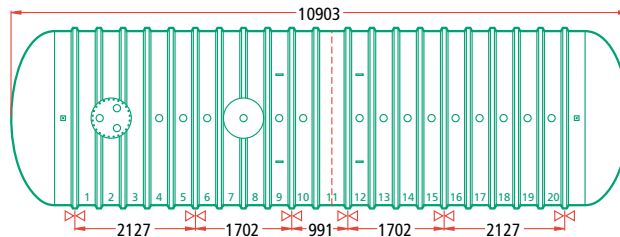
10 ft. Tanks – P100DW Series



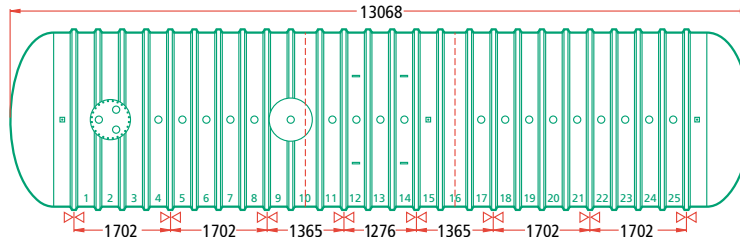
50,000 Litres



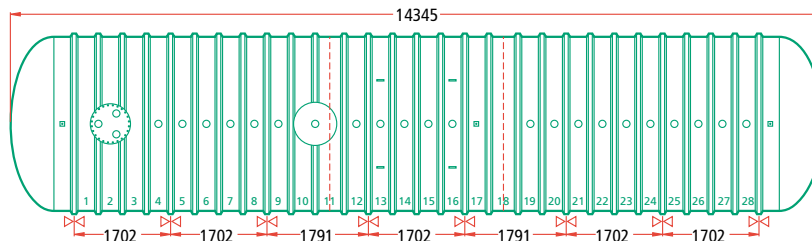
60,000 Litres



75,000 Litres

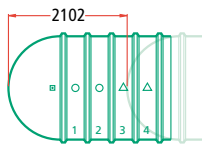


90,000 Litres

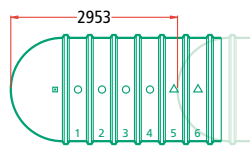


100,000 Litres

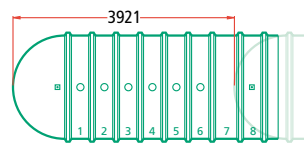
6 ft. Tank Extensions – P60DW Series



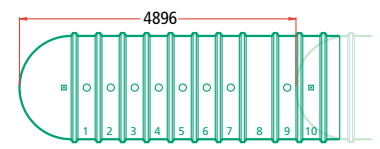
5,000 Litres



7,500 Litres

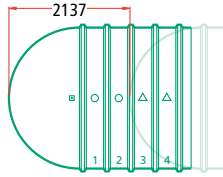


10,000 Litres

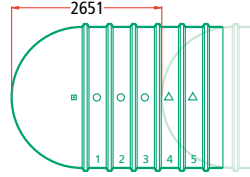


12,500 Litres

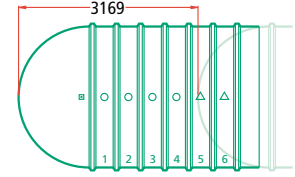
8½ ft. Tank Extensions – P86DW Series



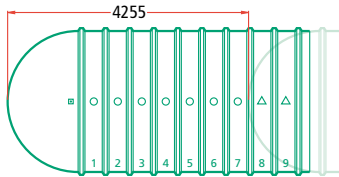
10,000 Litres



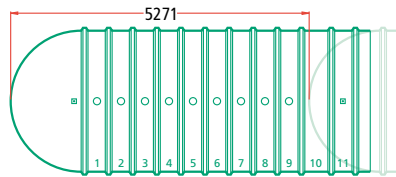
12,500 Litres



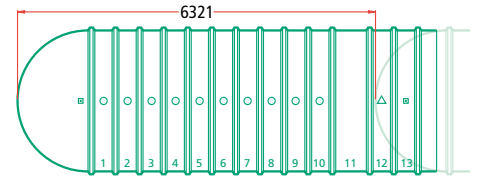
15,000 Litres



20,000 Litres

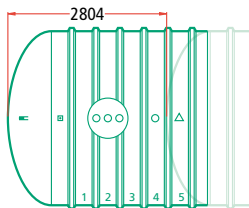


25,000 Litres

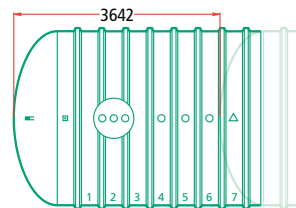


30,000 Litres

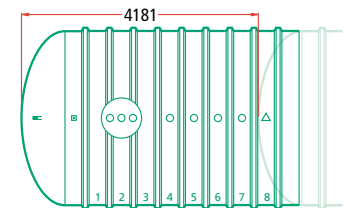
10 ft. Tank Extensions – P100DW Series



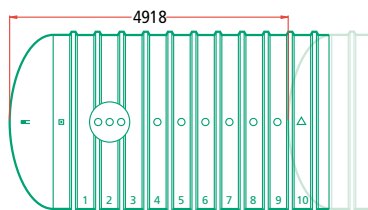
20,000 Litres



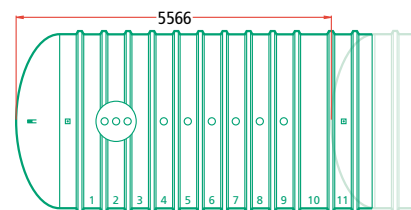
25,000 Litres



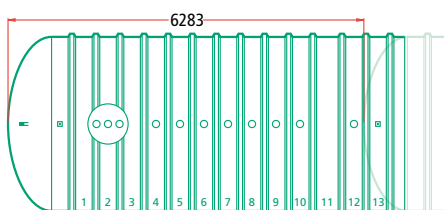
30,000 Litres



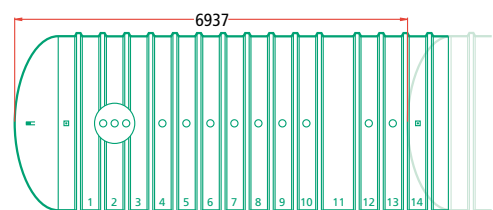
35,000 Litres



40,000 Litres



45,000 Litres



50,000 Litres

Your assurance of quality...

ZCL Composites Inc. is the most trusted name in the petroleum industry for providing environmentally safe products. Our tanks are the benchmark for today's higher standards of environmental protection.

Canada's #1 fiberglass tank manufacturer.



Quality Design – Standard Features

- Unsurpassed Fiberglass Double Wall construction using 100% premium resins and glass that provides corrosion resistant internal and external service.
- Integral Ribs made of the same material as the tank add strength, providing for a structurally sound tank that is “second to none”.
- Fiberglass Prezerver™ Double Wall tanks reduce expenses. Maintenance free, they require no corrosion maintenance or monitoring.
- All Prezerver™ Fiberglass Underground Double Wall tanks will provide long, trouble-free service. Each tank can be removed, and after recertification be re-installed.
- Lightweight Design – Easy to ship, easy to handle and install.
- Interstitial Design using an amazing 3D glass fabric technology allows for four monitoring options of the tank's integrity: pressure, vacuum, dry, or hydrostatic.

Specifications

- Tank holding capacities range from 2500 litres to 100,000 litres in 4', 6', 8'6" and 10' diameters.
- Standard 4" NPT fittings.
- Engineered to withstand H-20 axle loading of 32,000 lbs per axle.
- Burial depth up to seven feet in wet or dry soil condition.
- Available in metric sizes and optional imperial sizes

Quality Controls

- Every Prezerver™ tank is manufactured to applicable requirements of Underwriters' Laboratories of Canada ULC S-615.
- All Prezerver™ Double Wall tanks are subjected to stringent quality control processes that ensure tank tightness-both before and after installation, including positive air pressure test of 5psi and vacuum tested in accordance with ULC requirements.

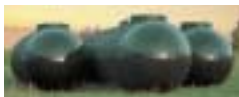
Warranty

- Prezerver™ tanks are backed by a comprehensive 30 year warranty

Prezerver™ is a registered trademark of ZCL Composites Inc.

For more information, contact

ZCL
COMPOSITES INC.



1-800-661-8265
www.zcl.com

