



WATER BLADDERS/COLLAPSIBLE TANKS





Capacity Main Specification:

Capacity(Liters)	Thickness	Weight	Size	Packing Size
250 liters	0.7 mm	3 Kg	1m*0.85m*0.3m	30cm*30cm*20cm
500 liters	0.7 mm	4.5 Kg	1.7m*0.85m*0.35m	1.7m*0.85m*0.35m
1,000 liters	0.7 mm	7.5 Kg	2m*1.3m*0.4m	40cm*30cm*20cm
2,000 liters	0.7 mm	10 Kg	2.3m*1.8m*0.5m	40cm*40cm*20cm
3,000 liters	0.7 mm	13 Kg	2.8m*1.8m*0.6m	45cm*45cm*25cm
5,000 liters	0.7 mm	18 Kg	2.8m*2.8m*0.65m	60cm*40cm*30cm
10,000 liters	0.8 mm	32 Kg	3.85m*3.85m*0.7m	80cm*50cm*40cm
20,000 liters	0.9 mm	67 Kg	6.8m*3.8m*0.8m	105cm*53cm*42cm
30,000 liters	0.9 mm	97 Kg	6.6m*5.8m*0.8m	115cm*56cm*43cm
50,000 liters	0.9 mm	185 Kg	8.6m*7.3m*0.8m	110cm*75cm*70cm
70,000 liters	1.2 mm	285 Kg	8.9m*8.8m*0.9m	110cm*100cm*60cm
100,000 liters	1.2 mm	350 Kg	13m*7.8m*1m	110cm*110cm*60cm
200,000 liters	1.2 mm	670 Kg	17m*11.7m*1.1m	225cm*75cm*75cm
300,000 liters	1.5 mm	1130 Kg	19m*14.6*1.1m	225cm*115cm*105cm



400,000 liters	1.5 mm	1380 Kg	19m*17.6*1.2m	225cm*145cm*115cm
500,000 liters	1.5 mm	1750 Kg	24m*17.6m*1.2m	225cm*190cm*115cm

Flexible Tank Installation Instructions

The following shows typical setup and installation instructions for the collapsible tank. When setting up this tank, please make sure that the placement area is flat (not a slope) and free from stones, roots, or other sharp objects. When storing any tank, secondary containment is always recommended. Please contact your local DEQ and verify storage requirements with the EPA.

Step 1: Prepare the ground for tank placement by leveling the ground and clearing away all rocks, sharp stones, glass or other potentially harmful items.

Step 2 (Recommended): Lay out a berm liner or ground cloth (if applicable) in intended storage area. Berm should be flat and ready for the placement of the tank. If berm or liner is not being used, a sand layer can also be placed on the ground if needed for added support.

Step 3: Unroll or unfold the tank

Step 4: Firmly connect the fill hose to the fill connection point. If no liner or cloth is being used for your tank, a smooth wood or plastic board can be placed under the filling and emptying points. This board should measure at least 30 cm x 30 cm. (Always make sure that your hose is compatible with the liquid you are storing in your tank to ensure safe filling.)



Step 5: Prepare your tank to be filled by checking that the discharge fittings are closed. Verify that there are no products or equipment that will get in the way of the tank as it is being filled.



Step 6: Begin to fill your tank. During this process, any air that is contained within the tank can be vented out through the center vent valve. If your tank has an automatic vent valve, this fitting will additionally work to prevent overfilling. Water will start to leak from small top openings for the valve when it has reached maximum capacity. For non-automatic vents, the ports will only work as a manual air relief device. the vent is not required to discharge the liquid. A pump can speed up the discharge if necessary.



Emptying the Tank: To empty your tank; connect discharge hoses to the discharge ports. When connected, open the gate or ball valve. Opening the vent is not required to discharge the liquid. A pump can speed up the discharge if necessary.

Note: A pipe thread sealant is recommended for all flexible tank fittings. This ensures there is no leakage. The sealant used should be compatible with the tank's contents. Sealant is not included.



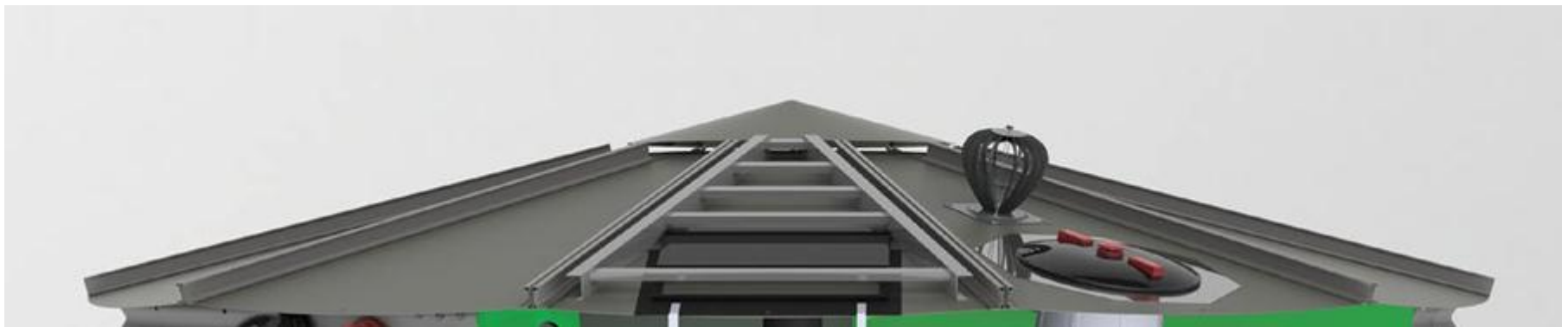
GALVANIZED Tank WITH MEMBRANES

The Galvanized Steel Tank, the newest product of TANK, has been designed to be a cost effective

specifically fills the market need where budget and performance need to be as close as possible to each other. The roof system has been redesigned for the series to include a soft top, replacing the conventional truss roof systems up to a diameter of 11, 64 m.

Sample Applications

Capacity Chart



Product Info



Use of 76.2/18mm Corrugated Galvanized Steel Sheet piling forms into a flexible system. The steel panels of the tank are coated with zinc layer on both sides to ensure long lasting performance in outdoor weather conditions. Is produced from 9,000 liters up to 3,000,000 liters (3,000tons) in-house using corrugated steel galvanized technology.

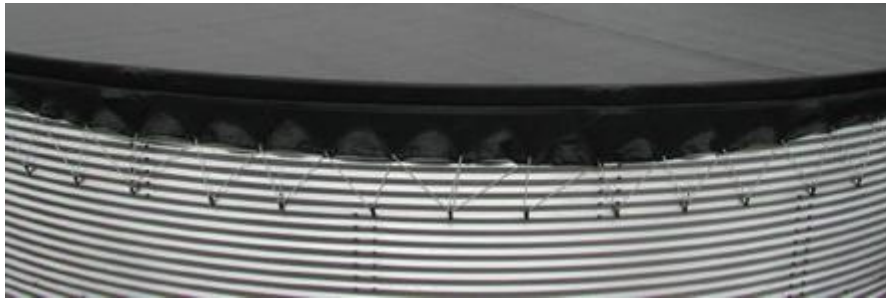
Has a special geomembrane liner inside to ensure the liquid stored inside does not contact with the steel parts. The standard geomembrane used in our tanks is certified for drinking water and can also be used to store other types of liquids. Fuel, industrial liquids and related chemicals can be stored using with membranes specially developed for purpose use. Please contact our sales team to inquire about storing industrial chemicals. The liner is produced using high frequency welding machines to ensure a perfect weld and water tightness. Standard liner is UV protected and prevents aquatic organisms such as mould, fungi etc. to form in our tanks.



The tank offers 2 different steel roof systems. A triangle modular roof system and a truss based steel dome roof just like the Apollo Series. In the Triangle system the roof is separated in a number of panels, which are fitted together with watertight connection technology. In the truss dome system, the roof is first retrofitted with galvanized steel trusses, and then the roof area is covered by galvanized steel panels to complete the process.

Also have 2 soft top solutions for applications that do not require steel domes. The indoor flat cover is made out of high-quality geomembrane which is fixed on to the rooftop to make sure that the quality of water or the liquid inside is preserved. For outdoor applications, the conical shaped cover is specifically designed to offload rain and snow loads making sure that the water or liquid keeps its quality without contamination. Tank soft covers provide the perfect balance between budget and performance, making the product more attractive to a larger customer base.

All tank systems come with a standard level meter placed outside the tank. Digital and manual pulley type level meters are available as optional accessories upon request.



Prime Applications

- Storage of potable and rain water
- Storage of industrial liquids
- Agriculture, Farms, Plantations (Manure Storage)
- Industrial Applications
- General Water Supply (residential or public use)
- Fish Ponds at fish-hatcheries
- Schools, Hospitals, Fire Departments
- Army Camps, UN Organizations and its sister agencies (UNICEF,WHO,WFP...ETC.),Military operations
- Recreational/ Theme Parks, Hotels, Resorts
- Mega-mall, Shopping centers
- Offices, Factory Plants, Municipal Districts (theme parks, offices)

- Housing Properties, Remote Working Sites

Advantages

- Thanks to its corrugated shell and hot dip galvanizing technology, is very durable both indoor and outdoor conditions
- Using the latest in geomembrane technology, makes sure that the liquid stored inside is not contaminated
- Having a modular design can be shipped anywhere in the world and erected on site very easily.
- , when produced in optional powder coated colors can easily blend into any environment.
- Is designed to withstand thunderstorms and earthquakes

Roof with Triangle Modular Panels											
Code No >>		04	05	06	07	08	09	10	A11	12	13
No of Rings	Wall Height (m.)	Diameter (m.)									
		3.58	4.48	5.37	6.27	7.16	8.06	8.95	9.85	10.74	11.64
		Capacity (m³)									
R1	0.88	9	14	20	27	35	45	55	67	79	93
R2	1.62	16	25	37	50	65	82	102	123	146	172
R3	2.36	24	37	53	73	95	120	148	179	213	250
R4	3.10	31	49	70	95	125	158	195	236	280	329
R5	3.84	39	60	87	118	154	195	241	292	347	408
R6	4.58	46	72	104	141	184	233	288	348	415	487
R7	5.32	54	84	120	164	214	271	334	405	482	565
R8	6.06	61	95	137	187	244	309	381	461	549	644
R9	6.80	68	107	154	210	274	346	428	517	616	723
R10	7.54	76	119	171	232	303	384	474	574	683	801
R11	8.28	83	130	187	255	333	422	521	630	750	880
R12	9.02	91	142	204	278	363	459	567	686	817	959
Roof with Truss Dome											



Code No >>		14	15	16	17	18	19	20	21	22	23
No of Rings	Wall Height (m.)	Diameter (m.)									
		12.53	13.43	14.32	15.22	16.11	17.01	17.90	18.80	19.69	20.59
		Capacity (m ³)									
R1	0.88	108	124	141	159	178	199	220	243	266	291
R2	1.62	199	229	260	294	329	367	406	448	492	538
R3	2.36	290	333	379	428	480	535	593	654	717	784
R4	3.10	382	438	499	563	631	703	779	859	943	1,030
R5	3.84	473	543	618	697	782	871	965	1,064	1,168	1,277
R6	4.58	564	648	737	832	933	1,039	1,152	1,270	1,393	1,523
R7	5.32	656	753	856	967	1,084	1,207	1,338	1,475	1,619	1,769
R8	6.06	747	857	975	1,101	1,234	1,375	1,524	1,680	1,844	2,016
R9	6.80	838	962	1,095	1,236	1,385	1,544	1,710	1,886	2,069	2,262
R10	7.54	929	1,067	1,214	1,370	1,536	1,712	1,897	2,091	2,295	2,508
R11	8.28	1,021	1,172	1,333	1,505	1,687	1,880	2,083	2,296	2,520	2,755
R12	9.02	1,112	1,276	1,452	1,639	1,838	2,048	2,269	2,502	2,746	3,001