

Pressure Tanks

Canature pressure tanks are well-designed and only use high quality raw material. Light weight, corrosion resistant, good toughness and chemical stability. Water contact material is non-toxic and odorless, absolutely safe to use. World-class automatic equipment and consistent quality control system ensure the pressure tanks you receive with nice appearance and durable in use.



Pressure Tanks

Why Canature Pressure Tanks

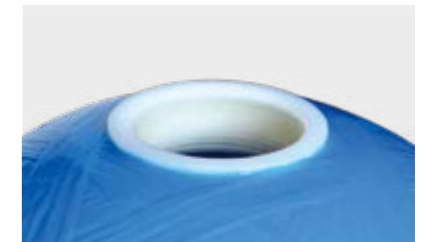
- More advanced production line: by automatic robots.
- Higher testing standards and requirements.
- Safer and high quality materials: Food grade, HDPE liner.
- More choices: over 120 sizes from 0517 to 6386.
- More customization: Brand, color(blue, black, natural, grey, green) and sizes.
- More certificates: NSF, ACS, KTW, W270 and REACH certificated.
- More packing methods: single box, large box and pallet packing.
- Longer warranty: 10 years for residential tanks and 5 years for commercial and industrial tanks.
- More combined components reduce costs: such as central tube, resin, jackets etc.
- Lower price and faster delivery time.



High performance winding materials



Complete seamless molding technology



High strength thread insert



Food grade water contact material



HDPE liner wall thickness available from 3.0 mm to 8.0 mm corresponding to the tank diameter



100% rustproof and corrosion resistant

- Full choices of pressure tank from 5"-63" in diameter and from 13"-86" in height.
- Top and bottom opening type available for some of pressure tanks.
- Fiber reinforced plastic tanks are one third the weight of steel tanks.
- High strength base provide stable installation, provides better performance.
- Nice appearance, consistent dimension.

Specification

Max. Operation Pressure	150psi (10.5Bar)
Operation Temperature	34-122°F(1-50°C)
Max Vacuum	140 mm Hg
Mini Exposed Temperature	-30°C(-22°F)

Test

250,000 times of cycle test from 0-150psi withstanding pressure.
 (NSF's requirement is 100,000 times)
 Burst test is four times of its operating pressure.(600psi)

Color

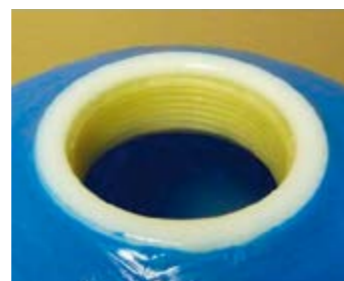
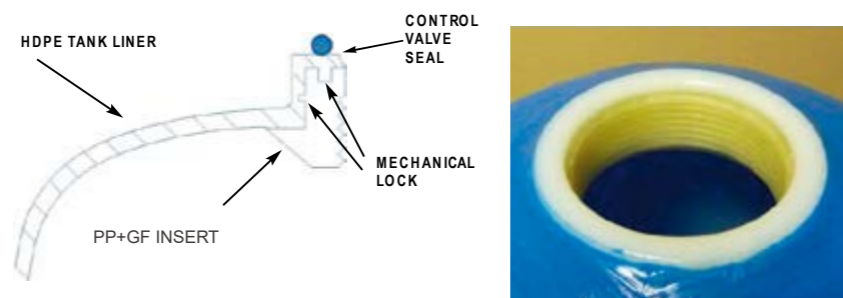
Basically we provide 3 colors for your choice: Natural(Standard)black and blue.Other customized color are available based on order quantity.
 Canature also produces a special colored liner which is completely opaque to sunlight passing through and provides solution to algae and micro-organism growth in side the tank due to hot and humid weather.

Save on Freight

Why ship air?
 Order tanks filled with media.



Spill Proof Shipping Cap

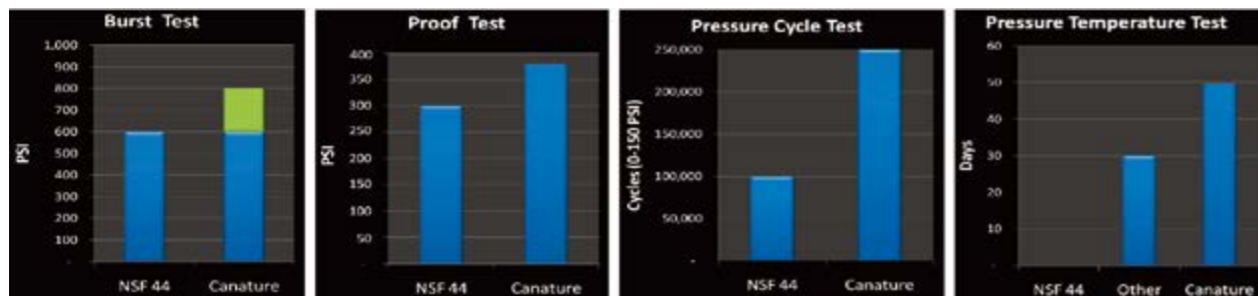


High Density Polyethylene (HDPE Tank Liner)

- Strict dimensional control. (+/- 3mm overall length)
- High tensile strength (HDPE 4550 PSI vs. LDPE 1700 PSI)
- Light weight
- Good impact resistance
- Low moisture absorption

High Density Glass Filled Polypropylene Threads

- High strength
- High chemical resistance
- High temperature resistance / melting point (150 to 200 degrees F)
- Abrasion resistance
- Light weight
- Excellent dimensional control



To insure rugged durability and safety, Canature tanks consistently pass the NSF 44 standard for burst and proof testing.

To insure consistent reliability, our tanks consistently pass 2.5 times more pressure cycles (our standard) than the NSF 44 standard.

In fact the NSF standard does not cover performance in extreme environments. The Canature standard is 1.5 times higher compared to other manufacturers.



Description	Size	Length Range
Distribution Pipe	1.05"	from 15" to 72"



Description	Material	Tank Diameter	Height Range
Round Jacket	Plastic	10"	17"~ 54"
Round Jacket	Stainless Steel	8"~10"	17"~ 54"



Description	Material	Tank Diameter
Jacket Cap	Plastic	8"~10"
Jacket Bottom Cover	Plastic	8"~10"



Description	Material	Tank Diameter	Height Range
Round Jacket II	Plastic	08"~13"	17"~ 54"
Round Jacket II	Stainless Steel	10"	17"~ 54"
Square Jacket I	Plastic	10"	17"~ 54"
Polygon Jacket	Plastic	10"	17"~ 54"

Standard Pressure Tank Models

NO.	Tank Size		Volume		Dome Volume		Weight((Kg)		Opening		Base	Dimensions(mm)					
	Inchs	L	Cu.ft.	L	Cu.ft.	W/O base	W Base	Top		Bottom		La	Lb	Lc	Ld	Da	Db
								Top	Bottom								
1	05	× 17	3.80	0.13	0.15	0.005	1.17	1.24	2.5"-8-NPSM	N/A	std.	425	425	365.3	21.1	123	128.5
2	05	× 20	4.50	0.16	0.15	0.005	1.25	1.32	2.5"-8-NPSM	N/A	std.	515	515	455.3	21.1	123	128.5
3	06	× 13	4.55	0.16	0.29	0.010	1.13	1.29	2.5"-8-NPSM	N/A	std.	336	331	240.9	39.2	156	164.5
4	06	× 18	6.65	0.23	0.29	0.010	1.57	1.73	2.5"-8-NPSM	N/A	std.	463	458	367.9	39.2	156	164.5
5	07	× 13	6.30	0.22	0.59	0.020	1.28	1.55	2.5"-8-NPSM	N/A	std.	335	331	217.1	47.5	182	190
6	07	× 17	8.50	0.30	0.59	0.020	1.59	1.86	2.5"-8-NPSM	N/A	std.	437	432	318.1	47.5	182	190
7	07	× 22	11.40	0.40	0.59	0.020	1.96	2.23	2.5"-8-NPSM	N/A	std.	566	562	448.1	47.5	182	190
8	07	× 30	15.80	0.56	0.59	0.020	2.52	2.79	2.5"-8-NPSM	N/A	std.	768	763	649.1	47.5	182	190
9	07	× 35	19.10	0.67	0.59	0.020	2.82	3.09	2.5"-8-NPSM	N/A	std.	896	891	777.1	47.5	182	190
10	08	× 15	9.30	0.33	0.87	0.030	1.5	1.85	2.5"-8-NPSM	N/A	std.	385	381	256.1	54.4	207	215
11	08	× 17	10.50	0.37	0.87	0.030	1.71	2.06	2.5"-8-NPSM	N/A	std.	437	432	307.1	54.4	207	215
12	08	× 18	11.50	0.41	0.87	0.030	2.04	2.39	2.5"-8-NPSM	N/A	std.	462	458	333.1	54.4	207	215
13	08	× 24	16.60	0.59	0.87	0.030	2.34	2.69	2.5"-8-NPSM	N/A	std.	615	610	485.1	54.4	207	215
14	08	× 25	17.07	0.60	0.87	0.030	2.39	2.74	2.5"-8-NPSM	N/A	std.	627	623	498.1	54.4	207	215
15	08	× 30	21.00	0.74	0.87	0.030	2.87	3.22	2.5"-8-NPSM	N/A	std.	770	765	640.1	54.4	207	215
16	08	× 35	23.60	0.83	0.87	0.030	3.21	3.56	2.5"-8-NPSM	N/A	std.	897	891	766.1	54.4	207	215
17	08	× 37	26.33	0.93	0.87	0.030	3.8	4.15	2.5"-8-NPSM	N/A	std.	944	940	815.1	54.4	207	215
18	08	× 44	31.30	1.11	0.87	0.030	4.33	4.68	2.5"-8-NPSM	N/A	std.	1122	1118	993.1	54.4	207	215
19	09	× 15	11.80	0.42	1.29	0.045	1.85	2.41	2.5"-8-NPSM	N/A	std.	388	381	241.3	61.3	233	242
20	09	× 16	12.80	0.45	1.29	0.045	1.83	2.39	2.5"-8-NPSM	N/A	std.	414	407	265.3	61.3	233.5	242
21	09	× 22	18.70	0.66	1.29	0.045	2.43	2.99	2.5"-8-NPSM	N/A	std.	568	561	318.3	61.3	233.5	242
22	09	× 26	22.40	0.79	1.29	0.045	3.04	3.6	2.5"-8-NPSM	N/A	std.	665	660	519.5	61.7	233	242
23	09	× 35 II	31.60	1.12	1.29	0.045	4	4.56	2.5"-8-NPSM	N/A	std.	898	891	745.4	61.7	233	242
24	09	× 42 II	38.50	1.36	1.29	0.045	4.79	5.35	2.5"-8-NPSM	N/A	std.	1074	1067	921.4	61.7	233	242
25	09	× 48 II	44.60	1.58	1.29	0.045	5.5	6.06	2.5"-8-NPSM	N/A	std.	1228	1221	1075.4	61.7	233	242
26	10	× 15	14.00	0.49	1.80	0.060	2.07	2.66	2.5"-8-NPSM	N/A	std.	384	381	229	69.1	259	268
27	10	× 17	16.50	0.58	1.80	0.060	2.14	2.73	2.5"-8-NPSM	N/A	std.	434	432	279	69.1	259	268
28	10	× 24	24.80	0.88	1.80	0.060	3.35	3.94	2.5"-8-NPSM	N/A	std.	609	606	454	69.1	259	268
29	10	× 26	27.30	0.96	1.80	0.060	3.93	4.52	2.5"-8-NPSM	N/A	std.	664	661	509	69.1	259	268
30	10	× 35 II	38.30	1.35	1.80	0.060	4.32	4.91	2.5"-8-NPSM	N/A	std.	893	891	739	69.1	258	268
31	10	× 44 II	48.80	1.72	1.80	0.060	5.52	6.11	2.5"-8-NPSM	N/A	std.	1121	1118	966	69.1	258	268
32	10	× 47	53.20	1.88	1.80	0.060	5.65	6.24	2.5"-8-NPSM	N/A	std.	1198	1195	1043	69.1	259	268
33	10	× 54 II	61.00	2.16	1.80	0.060	6.3	6.89	2.5"-8-NPSM	N/A	std.	1381	1378	1226	69.1	258	268
34	12	× 48	78.54	2.78	4.00	0.141	7.48	8.05	2.5"-8-NPSM	N/A	std.	1233	1219	1121.7	98.6	307	315
35	12	× 48	78.54	2.78	3.82	0.135	7.48	8.05	4"-8-UN	N/A	std.	1233	1219	1027	93.3	307	315
36	12	× 52	84.70	2.99	4.00	0.141	7.84	8.88	2.5"-8-NPSM	N/A	std.	1338	1324	1126.7	98.6	307	315
37	12	× 52	84.70	2.99	3.82	0.135	7.84	8.88	4"-8-UN	N/A	std.	1338	1324	1027	93.3	307	315
38	13	× 54	105.70	3.73	4.20	0.148	9.15	10.23	2.5"-8-NPSM	N/A	std.	1398	1384	1189.4	88.3	335	349
39	13	× 54	105.70	3.73	4.05	0.143	9.15	10.23	4"-8-UN	N/A	std.	1398	1384	1194.0	86.3	335	349
40	14	× 65	148.00	5.23	6.71	0.237	14.36	15.26	2.5"-8-NPSM	N/A	std.	1674	1624	1398.0	117.5	369	/
41	14	× 65	148.00	5.23	6.57	0.232	14.36	15.26	4"-8-UN	N/A	std.	1674	1624	1400.5	115.0	369	/
42	16	× 65	188.60	6.66	9.19	0.324	/	18.41	2.5"-8-NPSM	N/A	std.	1706	1656	1386.4	127.1	413	/
43	16	× 65	188.60	6.66	9.19	0.324	/	18.41	4"-8-UN	N/A	std.	1705	1655	1393.3	119.5	413	/
44	16	× 65 D	188.60	6.66	9.19	0.324	/	20.65	4"-8-UN	4"-8-UN	std.	1861	1636	1387.7	119.5	413	/
45	16	× 65	188.60	6.66	9.19	0.324	/	18.41	4"-8-UN	N/A	FRP St	1671	1655	1393.3	119.5	413	/
46	18	× 65	257.00	9.08	16.69	0.589	/	25.62	4"-8-UN	N/A	FRP St	1722	1661	1315	156.1	495	/
47	18	× 65 D	257.00	9.08	16.69	0.589	/	27.39	4"-8-UN	4"-8-UN	tripod	2027	1661	1314.6	156.1	495	/
48	21	× 62	330.00	11.66	24.56	0.867	/	30.98	4"-8-UN	N/A	FRP St	1721	1675	1314	176.6	559	/
49	21	× 62 D	330.00	11.66	24.56	0.867	/	35.29	4"-8-UN	4"-8-UN	tripod	2064	1676	1314	176.6	559	/
50	24	× 72	494.00	17.46	33.04	1.167	/	42.81	4"-8-UN	N/A	FRP St	1918	1875	1482.5	193.2	618	/
51	24	× 72 D	494.00	17.46	33.04	1.167	/	45.97	4"-8-UN	4"-8-UN	tripod	2168	1872	1516.4	193.2	618	/
52	30	× 72 D	745.00	26.33	88.50	3.125	/	70.5	4"-8-UN	4"-8-UN	tripod	2140	1810	1260	275.0	780	/
53	30	× 72 D	734.00	25.94	82.00	2.896	/	84	6-FLG	6-FLG	tripod	2190	1925	1257	334.0	780	/
54	36	× 72 D	1008.00	35.62	115.00	4.061	/	96	4"-8-UN	4"-8-UN	tripod	2150	1840	1210	315.0	918	/
55	36	× 72 D	993.00	35.09	115.00	4.061	/	113	6-FLG	6-FLG	tripod	2260	1940	1200.0	370.0	918	/
56	42	× 72 D	1460.00	51.59	150.00	5.297	/	154	6-FLG	6-FLG	tripod	2410	2080	1248.0	416.0	1170	/
57	48	× 72 D	1934.00	68.34	325.00	11.477	/	185	6-FLG	6-FLG	tripod	2400	2080	1106.0	487.0	1230	/
58	58	× 72 D	2710.00	96.00	493.60	17.431	/	270	6-FLG	6-FLG	tripod	2400	2100	936.0	582.0	1520	/
59	63	× 67 D	2450.00	86.57	686.50	24.244	/	260	6-FLG	6-FLG	tripod	2100	1780	536.0	622.0	1610	/
60	63	× 86 D	3050.00	107.77	685.00	24.191	/	305	6-FLG	6-FLG	tripod	2400	2080	836.0	622.0	1610	/

Optional Pressure Tank Models

No.	Tank Size		Volume		Dome Volume		Weight((Kg)		Opening		Base	Dimensions(mm)					
	Inchs	L	Cu.ft.	L	Cu.ft.	W/O base	W Base	Top		Bottom		La	Lb	Lc	Ld	Da	Db
								Top	Bottom								
1	06	× 15	5.50	0.19	0.29	0.010	1.31	1.47	2.5"-8-NPSM	N/A	std.	385	381	290.9	39.2	156	164.5
2	06	× 17	6.25	0.22	0.29	0.010	1.49	1.65	2.5"-8-NPSM	N/A	std.	437	432	341.9	39.2	156	164.5
3	06	× 22	8.47	0.3	0.29	0.010	1.7	1.86	2.5"-8-NPSM	N/A	std.	567	562	471.9	39.2	156	164.5
4	06	× 29	11.50	0.41	0.29	0.010	2.17	2.33	2.5"-8-NPSM	N/A	std.	742	737	471.9	39.2	156	164.5
5	06	× 30	12.00	0.42	0.29	0.010	2.25	2.41	2.5"-8-NPSM	N/A	std.	767	762	471.9	39.2	156	164.5
6	06	× 35	14.10	0.5	0.29	0.010	2.61	2.77	2.5"-8-NPSM	N/A	std.	896	891	800.9	39.2	156	164.5
7	07	× 19	9.70	0.34	0.59	0.020	1.62	1.89	2.5"-8-NPSM	N/A	std.	488	484	370.1	47.5	182	190
8	07	× 24	13.00	0.46	0.59	0.020	2.18	2.45	2.5"-8-NPSM	N/A	std.	610	606	492.1	47.5	182	190
9	07	× 44	24.30	0.86	0.59	0.020	3.67	3.94	2.5"-8-NPSM	N/A	std.	1123	1118	1004	47.5	182	190
10	08	× 13	7.40	0.26	1.25	0.040	1.41	1.76	2.5"-8-NPSM	N/A	std.	325	320	181.9	68.1	207	215
11	08	× 13 D	8.30	0.29	0.92	0.030	1.45	/	2.5"-8-NPSM	2.5"-8-NPSM	/	/	331	220.5	55.3	207	/
12	08	× 22	14.40	0.51	0.87	0.030	2.25	2.6	2.5"-8-NPSM	N/A	std.	555	550	425.1	54.4	207	215
13	08	× 26	18.10	0.59	0.87	0.030	2.										