

Thermoplastic Vertical Storage Tanks

Thermoplastic Tanks

The acceptance of plastic materials by engineers throughout industry has increased dramatically over the last 10 years. Thermoplastic materials such as Polypropylene (PP) & High Density Polyethylene (HDPE) present excellent characteristics to virtually every industry. These qualities include exceptional corrosion resistance, lack of taint which is very important to the food industries, competitive prices and minimal maintenance which is a major benefit to the spectrum of industry in general as capital and operating costs are continually under scrutiny.

Thermoplastic tanks are manufactured using the latest butt welding technology and are fully compliant with standards such as BS EN12573, DVS205 etc depending on the customers specification.

The PT range offers tanks from 200 to 30000 litres.

The PTS range offers tanks from 200 to 30000 litres with a 3 degree sloping base to outlet allowing almost complete draining. The PTC offers tanks from 300 to 25000 litres allowing complete draining

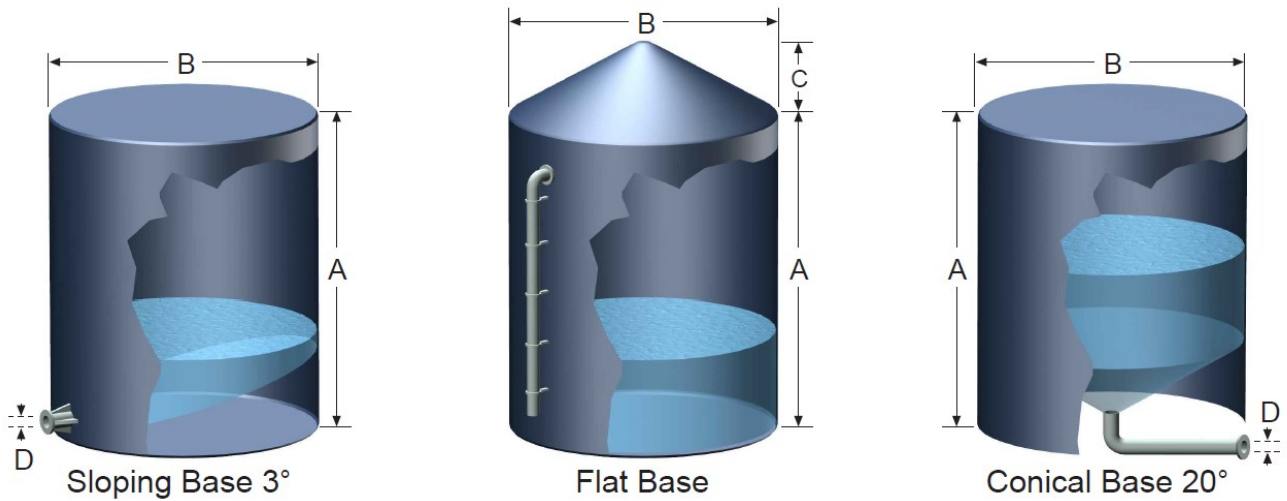
Non Standard Designs and Larger Capacities The Silotank Plastic Vertical Tank range has been designed for a wide range of chemicals ranging from specific gravity of 1.0 to 1.50. i.e. from water to 50% Sodium Hydroxide at ambient operating temperature and atmospheric pressure. Larger capacities have been produced on request of the customer.



Maintenance

Silotank manufacture all tanks keeping in mind the end user and operational life of the tank. All tanks need to be inspected at regular intervals as per Silotank maintenance and installation manuals. Further guidance can be sought from other documents including the PM75 and PM86 documents issued by the UK Health and Safety executive and the IPC Guidance notes for Storage and Transfer of Materials by the Irish EPA. These will give guidance on regular maintenance and also guidance on key points when selecting the correct tanks for chemical storage and standards to be adhered to.





PTS

Working Capacity	A Diameter mm	B Shell Height mm	C Top Height 20° Conical	Total Height mm
0.2	635	750	Flat	750
0.5	855	1000	Flat	1000
0.75	1048	1000	Flat	1000
1.0	1210	1000	Flat	1000
1.5	1185	1500	215	1715
2.0	1368	1500	248	1748
2.5	1536	1500	280	1780
3.0	1682	1500	306	1806
3.5	1817	1500	330	1830
4.0	1942	1500	353	1853
4.5	1825	1871	332	2158
5.0	1924	1871	350	2196
6.0	1909	2246	347	2593
7.0	1770	2996	322	3318
8.0	2204	2246	400	2646
9.0	2024	2996	368	3364
10.0	2133	2996	388	3384
11.0	2238	2996	407	3403
12.0	2338	2996	425	3421
13.0	2433	2996	442	3438
14.0	2525	2996	460	3456
15.0	2614	2996	475	3471

PT

Working Capacity	Gross Capacity	A Diameter mm	B Shell Height mm	C Top Height 20° Conical	Total Height mm
0.2	0.24	640	750	Flat	750
0.5	0.58	842	1000	Flat	1000
0.75	0.87	1054	1000	Flat	1000
1.0	1.12	1190	1000	Flat	1000
1.5	1.74	1215	1500	221	1721
2.0	2.34	1410	1500	256	1756
2.5	2.72	1520	1500	276	1776
3.0	3.20	1652	1500	300	1800
3.5	3.75	1785	1500	325	1825
4.0	4.30	1908	1500	347	1847
4.5	4.90	1826	1871	332	2203
5.0	5.40	1920	1871	349	2220
6.0	6.50	1920	2246	349	2595
7.0	7.40	2050	2246	373	2619
8.0	8.50	2195	2246	400	2646
9.0	9.90	2370	2246	431	2677
10.0	10.54	2116	2996	404	3400
11.0	11.60	2219	2996	404	3400
12.0	12.64	2318	2996	424	3420
13.0	13.68	2412	2996	439	3435
14.0	14.73	2503	2996	455	3451
15.0	15.79	2591	2996	471	3467
16.0	16.84	2676	2996	487	3483
17.0	17.89	2758	2996	502	3498
18.0	18.80	2619	3492	476	3968
19.0	19.85	2691	3492	489	3981
20.0	20.90	2761	3492	502	3994
21.0	21.88	2729	3742	496	4238
22.0	22.86	2790	3742	508	4250
23.0	23.89	2852	3742	520	4262
24.0	24.94	2915	3742	530	4272
25.0	25.97	2972	3742	540	4282

PTC

Working Capacity	A Diameter mm	B Shell Height mm	C Top Height 20° Conical	Total Height mm
0.2	757	750	Flat	750
0.5	974	1000	Flat	1000
0.75	1230	1000	Flat	1000
1.0	1453	1000	Flat	1000
1.5	1315	1500	239	1739
2.0	1548	1500	282	1782
2.5	1765	1500	321	1821
3.0	1655	1871	300	2171
3.5	1805	1871	328	2199
4.0	1945	1871	354	2225
4.5	1818	2246	330	2576
5.0	1917	2246	348	2594
6.0	1778	2996	324	3320
7.0	1890	2996	344	3340
8.0	2045	2996	372	3368
9.0	2183	2996	397	3393
10.0	2296	2996	417	3413

Other Products in our range include

Tanks from 200L to 200,000L, Minitank Systems, DWI Tanks, Salt Saturators, Scrubbers, Conical Settlement tanks, Degassers, Process Vessels, GRP Grating & Covers. For further and more comprehensive information contact Silotank or email us at: sales@silotank.com

DESIGN | MANUFACTURE | INSTALLATION

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