



Chemical & Process Tanks

Polymaster

Chemical & process tanks configured to suit any application.

Customising a Chemical & Process Tank to suit almost any application, is at the core of what we do at Polymaster. Available in over 5 different polyethylene (PE) grades, it all starts with getting the right material for the job. And with the ability to weld fittings & pipework at any location your tank will be exactly as you want it.

Polymaster's tank range includes tanks from 200ltrs up to 50,000ltrs (the largest single piece PE tank in Australia). Coupled with engineered drawings & full QA process on every tank, the possibilities are endless... as you are only limited by your imagination!



One piece moulded construction
not fabricated



Certified Design
AS/NZS4766

UP TO 2SG

Engineered up to 2SG for heavy liquids



UV resistance
suitable for outdoor application



1,965
chemicals can be stored



Hydrostatic Tested

No matter what your requirement, it's likely we have the perfect solution for you, whether it's to store:

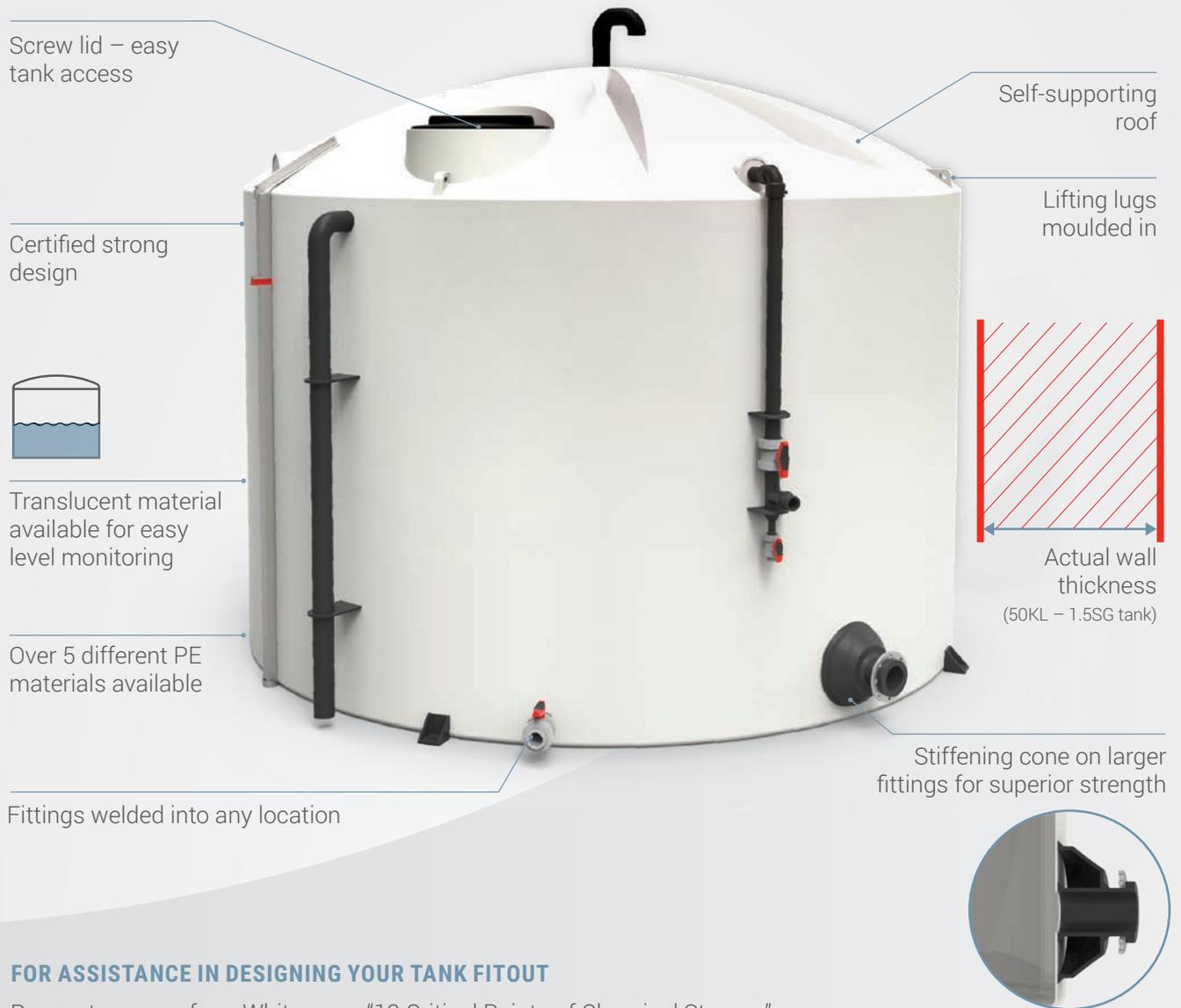
- Aggressive chemicals (such as sulphuric acid)
- Chemicals in a fire retardant vessel
- Liquids at high temperature, or
- Oily liquids to stop leeching

Our technical engineering team will help you select the right material for your application.



Visit our website for more
→ polymaster.com.au

Chemical & Process Tanks



FOR ASSISTANCE IN DESIGNING YOUR TANK FITOUT

Request a copy of our Whitepaper “13 Critical Points of Chemical Storage”, or download online at industrial.polymaster.com.au

COLOURS AVAILABLE



1.white



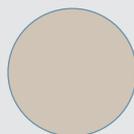
2.Natural



3.Monument



4.Light Grey



5.Beige



6.Rivergum

Options

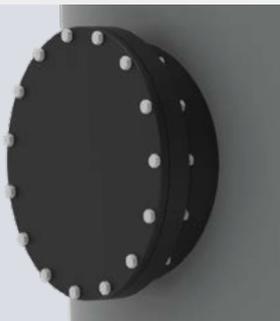
CHEMICAL TANK FITOUT



Standard chemical tank fitout, includes:

- 50mm top fill assembly c/w valve & camlock
- 50mm BSP outlet c/w valve
- 90mm hook vent with mesh
- 90mm overflow assembly
- Mechanical level indicator
- Bolt down lugs
- Technical drawings available

SIDE MANWAYS



- Blind flange – easy take on/ off
- FEA engineered design- no compromise of tank integrity
- Easy access to tank
- PE same material as tank- no chemical corrosion

BAFFLES



- Effective solution for chlorine contact tanks or solids separation
- Side to side or top to bottom designs available
- PE material same as the tank - no corrosion
- Custom designs available
- Unique design allows tank to remain one – piece

RESTRAINT SYSTEM

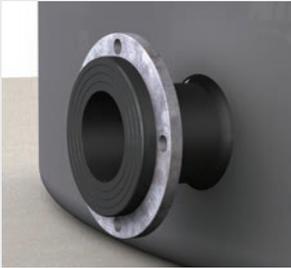


- Designed for high wind terrains
- Simple & easy installation
- Reduces number of holding bolts

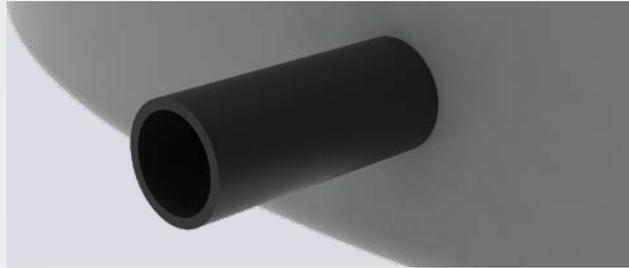


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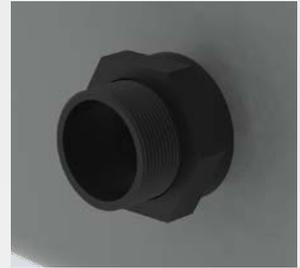
Fittings



Flanged Connection
– Galvanised, Stainless Steel, PVC Backing Rings



Welded Pipe Spigot



Welded BSP Fittings
– Male / Female



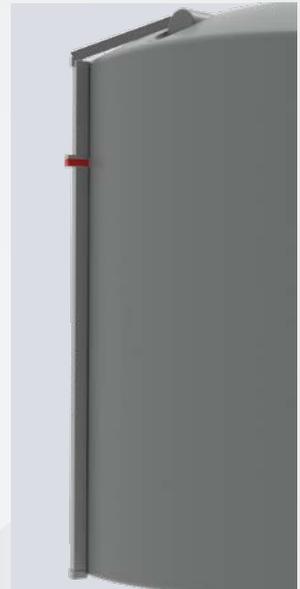
Bolt Down Lugs



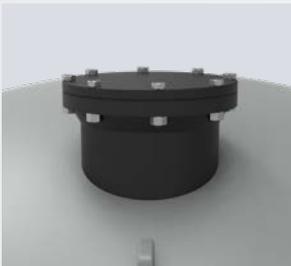
Sight Tube Level Indicator



Screw Lids
– Vented / Non-vented



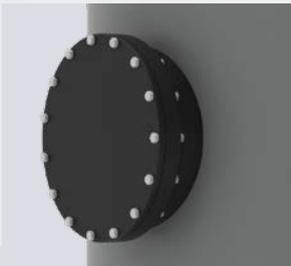
Mechanical Level Indicator



Sealed Access Lid



Threaded Tank Fittings
– Brass, Stainless Steel, Poly



Side Access Manways



Roof Vents



Anti-Vortex Assemblies

Stiffening cone on larger fittings
– Stronger & safer than gussets



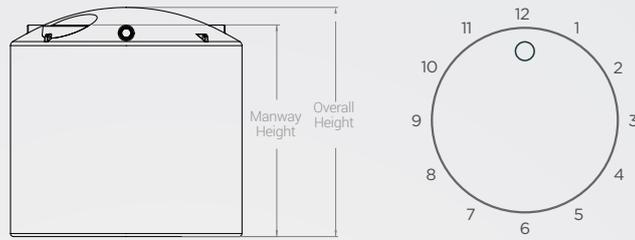
Stainless Steel Name Plate



Ball Valves
– Brass, Stainless Steel, PVC

Specifications

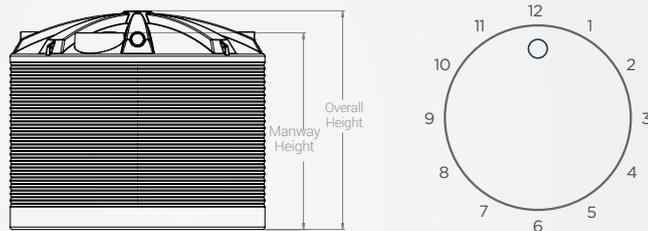
SMOOTH WALL TANK RANGE



CODE	CAPACITY (LTRS)	DIAMETER	OVERALL HEIGHT	MANWAY HEIGHT	SG
CSW2000	2000	1175 mm	2255 mm	2185 mm	1.0 - 2.0
CSW4000	4000	1600 mm	2200 mm	2150 mm	1.0 - 2.0
CSW5000	5000	1800 mm	2200 mm	2120 mm	1.0 - 2.0
CSW7000	7000	2200 mm	2200 mm	2020 mm	1.0 - 2.0
CSW10000	10,000	2480 mm	2350 mm	2170 mm	1.0 - 2.0
CSW13500	13,500	2830 mm	2630 mm	2470 mm	1.0 - 2.0
CSW18000	18,000	3050 mm	2880 mm	2640 mm	1.0 - 2.0
CSW22500	22,500	3573 mm	2879 mm	2559 mm	1.0 - 2.0
CSW27000	27,000	3573 mm	3339 mm	3019 mm	1.0 - 2.0
PST50KL	50,000	4600 mm	3440 mm	3290 mm	1.0 - 1.5

Technical drawings available

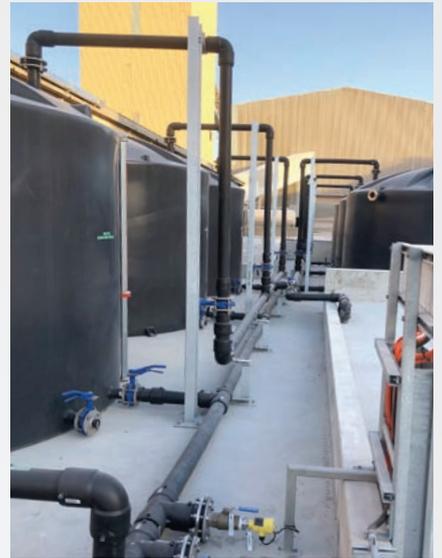
CORRUGATED WALL TANK RANGE



CODE	CAPACITY (LTRS)	DIAMETER	OVERALL HEIGHT	MANWAY HEIGHT	SG
PST200	200	600 mm	900 mm	900 mm	1.0 - 2.0
PST600	600	1000 mm	950 mm	950 mm	1.0 - 2.0
PST1000	1000	1000 mm	1500 mm	1500 mm	1.0 - 2.0
PST1600	1600	1250 mm	1610 mm	1500 mm	1.0 - 2.0
PST2270T	2270 Tall	1300 mm	2000 mm	1920 mm	1.0 - 2.0
PST2270LP	2270 Low Profile	1700 mm	1310 mm	1200 mm	1.0 - 2.0
PST3300	3300	1520 mm	2100 mm	2000 mm	1.0 - 2.0
PST4500T	4500 Tall	1700 mm	2200 mm	2100 mm	1.0 - 2.0
PST4500LP	4500 Low Profile	2150 mm	1580 mm	1380 mm	1.0 - 2.0
PST5000	5000	1950 mm	2170 mm	1960 mm	1.0 - 2.0
PST7100	7100	2150 mm	2300 mm	2120 mm	1.0 - 2.0
PST9000	9,000	2500 mm	2260 mm	2050 mm	1.0 - 2.0
PST13600	13,600	3100 mm	2450 mm	2100 mm	1.0 - 2.0
PST22500	22,500	3560 mm	2800 mm	2470 mm	1.0 - 2.0
PST31700	31,700	4100 mm	3040 mm	2610 mm	1.0 - 2.0

Technical drawings available

Our Work





→ 1300 062 064
→ industrial.polymaster.com.au

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Together we
hold the future.

 Polymaster