

# CHEMTUF®

## *Corrosion Resistant Fiberglass Tanks*



## Fiberglass Tanks Bonded Dome Cover

Domed-top, filament-wound tanks are generally made in larger sizes because of their high-strength to low-weight ratio. Filament wound tanks can be made up to 14 feet in diameter and as tall as 50 feet. The ability to custom manufacture large diameters is more limited by shipping constraints than by the manufacturing process. These tanks are used extensively for storing DI water, waste chemicals and large volumes of acid and bases. They can be equipped with a wide variety of accessories: seismic tie-downs, vents, sight-glasses, ladders, manways and many others. All tanks designed for corrosive use will meet or exceed ASTM D3299 (filament wound) or PS15-69 (contact molded).

## Tank Sizes and Styles

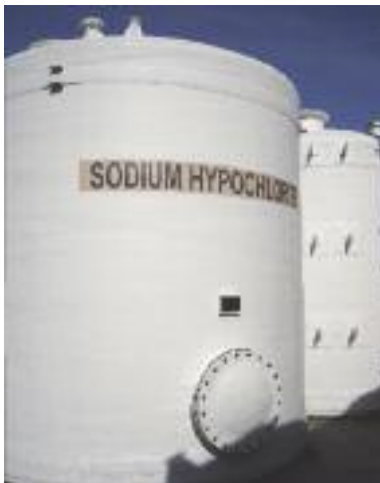
The extreme versatility of filament wound tanks allows us to offer a wide range of tank styles and sizes. This complete line of tanks will answer virtually all of your storage and process requirements at a far lower cost than competitive materials.

## Design Criteria

- Materials of construction: vinyl ester resin (standard). Other materials available.
- Gel coated exterior.
- Resin rich C-veil lined interior.
- Cylindrical side walls, flat bottom and domed top.
- 1.25 specific gravity capable.
- Inlets, outlets, vents and other accessories are per customer's specifications.
- Seismic and wind conditions are calculated per application if requested.



Custom Colors available



## Large Diameter Fiberglass Tanks

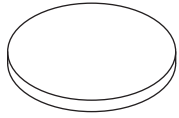
Construction of fiberglass tanks includes the ability to provide tanks in excess of 14 feet in diameter. Additionally, all parameters including resin systems, laminate construction, and special accessory additions are available to accommodate the customer's specific application and needs. A full range of engineered components, including seismic and wind load calculations or modification to basic tank designs.

## Typical Size Range

Tank Size (Gals.)	Dimension (in.) Diameter x Height
100	30 x 36
116	30 x 42
133	30 x 48
150	30 x 54
167	30 x 60
150	36 x 36
175	36 x 42
200	36 x 48
230	36 x 54
250	36 x 60
300	36 x 72
265	48 x 36
330	48 x 42
355	48 x 48
450	48 x 60
550	48 x 72
640	48 x 84
730	48 x 96
560	60 x 48
670	60 x 60
810	60 x 72

Tank Size (Gals.)	Dimension (in.) Diameter x Height
950	60 x 84
1090	60 x 96
1380	60 x 120
1550	60 x 144
1050	72 x 60
1270	72 x 72
1470	72 x 84
1525	72 x 96
2000	72 x 120
3350	72 x 168
3350	72 x 192
3770	72 x 216
4400	72 x 240
1880	96 x 60
2250	96 x 72
2630	96 x 84
3000	96 x 96
3760	96 x 120
4500	96 x 144
5140	96 x 168
5880	96 x 192

Tank Size (Gals.)	Dimension (in.) Diameter x Height
6620	96 x 216
7360	96 x 240
3525	120 x 72
4110	120 x 84
4700	120 x 96
5875	120 x 120
7050	120 x 144
8140	120 x 168
9300	120 x 192
10,460	120 x 216
11,620	120 x 240
13,940	120 x 288
5075	144 x 72
6765	144 x 96
8460	144 x 120
10,155	144 x 144
11,490	144 x 168
13,130	144 x 192
14,770	144 x 216
16,140	144 x 240
19,690	144 x 288



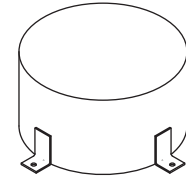
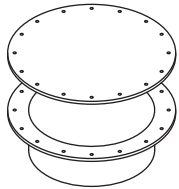
**LOOSE COVER**  
Tight fit - recommended for outdoor installations.



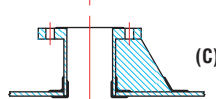
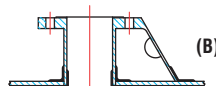
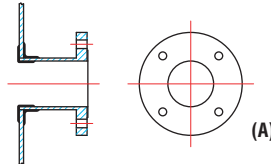
**BONDED COVER**  
Loose cover bonded to tank indoor/outdoor installations.



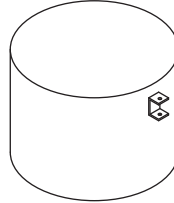
**RIM FLANGE**  
Standard 3" rim flange for shell stiffening and for tanks with mixers.



**TIE DOWN LUGS**  
To secure tanks to floor or tank pad.



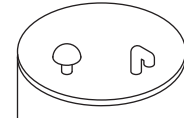
**FLANGED NOZZLES**  
(A) Standard ANSI 150 psi flanges FRP or PVC.  
(B) Optional conical gussets.  
(C) Optional plate gussets.



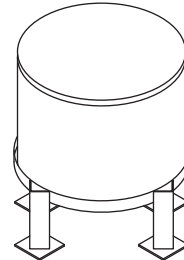
**LIFTING LUGS**  
To handle (empty) Larger size tanks.



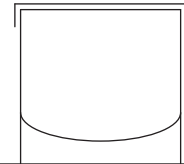
**SIGHT STRIP**  
Translucent strip allows determination of liquid level.



**VENTS**  
For sealed tanks - mushroom or gooseneck style vents.

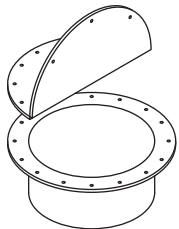


**TANK STANDS**  
Available in fiberglass or steel.

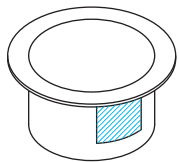


**FALSE BOTTOM TANKS**  
Available with dish bottoms and skirted side walls.

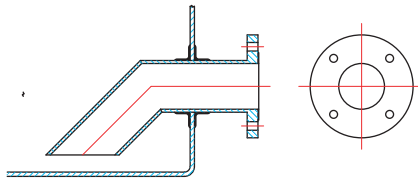
**FLAT TOPS**  
Gasketed flat tops bolt to tanks with rim flanges.



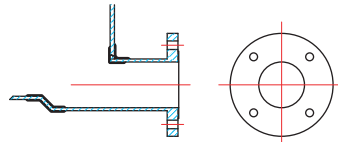
**FLAT TOPS - HINGED**  
Part of the flat top can be hinged for an access flap.



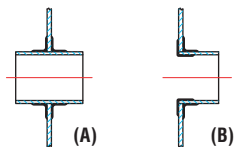
**MIXER PAD**  
Reinforced wall stiffening section to accommodate mixers.



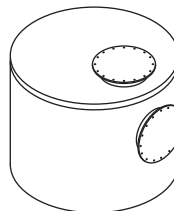
**FLANGED SIPHON DRAIN**  
To maximize tank drainage.



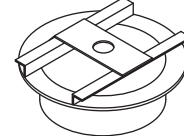
**FLANGED FULL DRAIN**  
Requires modification of tank mounting surface



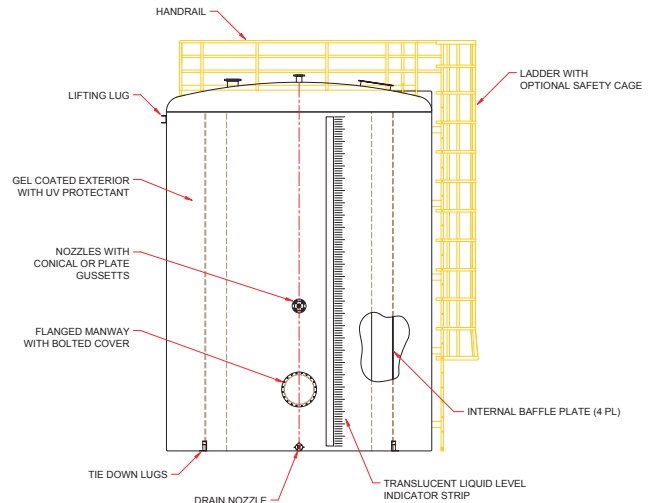
**COUPLINGS**  
Full (A) or half (B), FRP or PVC threaded or socket.



**MANWAYS**  
Available in 20" and 24" diameters for top or side installations.



**MIXER MOUNTS**  
Heavy duty reinforced flat cover with mixer support. Specify make/model of mixer.



### Available Options

- Nexus lined interior.
- Flanged inlet, outlets.
- Flanged vent.
- Threaded couplings.
- Coned Bottom.
- Coned bottom with drain.
- FRP skirt.
- Sight strip.
- Manway.
- Ladders and safety cage.
- Handrail.
- Lifting lugs.
- Tie-down lugs.
- Seismic calculations.
- Structural calculations.
- Flat top bonded cover.
- Flat top loose cover.
- Rim flange.
- Mixer pad or mount.
- Gel coated exterior.



**We will be pleased to respond to your inquiry promptly!**

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**E-Mail: [fibertech@fibertecheng.com](mailto:fibertech@fibertecheng.com)**
- **Call 1.888.NEED.FRP (National) or 760.735.6277 (international)**
- **FAX your RFQ / Drawing to 760.735.6274**

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