★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

3,000 GALLON HDPE DOUBLE WALL VERTICAL TANK · VTBDC03000-102

Listed capacity	Outer diameter	Inner tank	Inner diameter	Inner sidewall	Gallons per inch
3,000 gal	102"	VTB03000-95	95"	104"	30.36

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	30	**27**	820	**53**	1,609	**79**	2,399
2	61	**28**	850	**54**	1,640	**80**	2,429
3	91	**29**	881	**55**	1,670	**81**	2,459
4	121	**30**	911	**56**	1,700	**82**	2,490
5	152	**31**	941	**57**	1,731	**83**	2,520
6	182	**32**	972	**58**	1,761	**84**	2,550
7	213	**33**	1,002	**59**	1,791	**85**	2,581
8	243	**34**	1,032	**60**	1,822	**86**	2,611
9	273	**35**	1,063	**61**	1,852	**87**	2,642
10	304	**36**	1,093	**62**	1,882	**88**	2,672
11	334	**37**	1,123	**63**	1,913	**89**	2,702
12	364	**38**	1,154	**64**	1,943	**90**	2,733
13	395	**39**	1,184	**65**	1,974	**91**	2,763
14	425	**40**	1,215	**66**	2,004	**92**	2,793
15	455	**41**	1,245	**67**	2,034	**93**	2,824
16	486	**42**	1,275	**68**	2,065	**94**	2,854
17	516	**43**	1,306	**69**	2,095	**95**	2,884
18	547	**44**	1,336	**70**	2,125	**96**	2,915
19	577	**45**	1,366	**71**	2,156	**97**	2,945
20	607	**46**	1,397	**72**	2,186	**98**	2,976
21	638	**47**	1,427	**73**	2,216	**99**	3,006
22	668	**48**	1,457	**74**	2,247	**100**	3,036
23	698	**49**	1,488	**75**	2,277	**101**	3,067
24	729	**50**	1,518	**76**	2,308	**102**	3,097
25	759	**51**	1,549	**77**	2,338	**103**	3,127
26	789	**52**	1,579	**78**	2,368	**104**	**3,158**

How to read it: the liquid is held in the inner tank (VTB03000-95, 95" diameter). Measure the liquid depth straight down from the surface to the inside bottom of the inner tank, in inches, and read the gallons beside it. The chart runs to the top of the inner tank's straight sidewall (104", in red). At the top of its straight sidewall the inner tank holds about 3,158 gallons, a little more than the listed 3,000 gallon capacity.

Above the sidewall: the dome above the straight wall holds more, and the tank may be filled "brim full" with care. That extra volume is not charted.

Accuracy: calculated from the inner tank's dimensions with a nominal 1/4" wall. HDPE can expand or contract up to 3% (mostly with temperature), and wall thickness varies from tank to tank, so actual volume can differ from this chart by a few percent. The first inch near the bottom corner holds slightly less than shown. Use the chart as a close guide, not for custody transfer or billing.

Outer tank VTBDC03000-102 (102" diameter, 117" overall height, Bailiff drawing VTBDC3000-102-2020.pdf). Inner tank sizes from the Bailiff drawing for VTB03000-95. All dimensions in inches.

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