★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

10,000 GALLON HDPE VERTICAL TANK · VTB10000-142

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
10,000 gal	142"	141.54"	150"	68.08	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	68	**33**	2,246	**65**	4,425	**97**	6,603
2	136	**34**	2,315	**66**	4,493	**98**	6,671
3	204	**35**	2,383	**67**	4,561	**99**	6,739
4	272	**36**	2,451	**68**	4,629	**100**	6,808
5	340	**37**	2,519	**69**	4,697	**101**	6,876
6	408	**38**	2,587	**70**	4,765	**102**	6,944
7	477	**39**	2,655	**71**	4,833	**103**	7,012
8	545	**40**	2,723	**72**	4,901	**104**	7,080
9	613	**41**	2,791	**73**	4,970	**105**	7,148
10	681	**42**	2,859	**74**	5,038	**106**	7,216
11	749	**43**	2,927	**75**	5,106	**107**	7,284
12	817	**44**	2,995	**76**	5,174	**108**	7,352
13	885	**45**	3,063	**77**	5,242	**109**	7,420
14	953	**46**	3,131	**78**	5,310	**110**	7,488
15	1,021	**47**	3,200	**79**	5,378	**111**	7,556
16	1,089	**48**	3,268	**80**	5,446	**112**	7,624
17	1,157	**49**	3,336	**81**	5,514	**113**	7,693
18	1,225	**50**	3,404	**82**	5,582	**114**	7,761
19	1,293	**51**	3,472	**83**	5,650	**115**	7,829
20	1,362	**52**	3,540	**84**	5,718	**116**	7,897
21	1,430	**53**	3,608	**85**	5,786	**117**	7,965
22	1,498	**54**	3,676	**86**	5,854	**118**	8,033
23	1,566	**55**	3,744	**87**	5,923	**119**	8,101
24	1,634	**56**	3,812	**88**	5,991	**120**	8,169
25	1,702	**57**	3,880	**89**	6,059	**121**	8,237
26	1,770	**58**	3,948	**90**	6,127	**122**	8,305
27	1,838	**59**	4,016	**91**	6,195	**123**	8,373
28	1,906	**60**	4,085	**92**	6,263	**124**	8,441
29	1,974	**61**	4,153	**93**	6,331	**125**	8,509
30	2,042	**62**	4,221	**94**	6,399	**126**	8,578
31	2,110	**63**	4,289	**95**	6,467	**127**	8,646
32	2,178	**64**	4,357	**96**	6,535	**128**	8,714

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Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
129	8,782	**133**	9,054	**137**	9,326	**141**	9,599
130	8,850	**134**	9,122	**138**	9,394	**141.54**	**9,636**
131	8,918	**135**	9,190	**139**	9,462		
132	8,986	**136**	9,258	**140**	9,531		

How to read it: measure the liquid depth straight down from the surface to the inside bottom of the tank, in inches, and read the gallons beside it. The chart runs to the top of the straight sidewall (141.54", in red). The listed 10,000 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 9,636 gallons.

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 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.

Dimensions from the Bailiff drawing VTB10000-142.pdf. All dimensions in inches.

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