★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

4,000 GALLON HDPE VERTICAL TANK · VTB04000-102

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
4,000 gal	102"	119.42"	126"	35.03	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	35	**31**	1,086	**61**	2,137	**91**	3,188
2	70	**32**	1,121	**62**	2,172	**92**	3,223
3	105	**33**	1,156	**63**	2,207	**93**	3,258
4	140	**34**	1,191	**64**	2,242	**94**	3,293
5	175	**35**	1,226	**65**	2,277	**95**	3,328
6	210	**36**	1,261	**66**	2,312	**96**	3,363
7	245	**37**	1,296	**67**	2,347	**97**	3,398
8	280	**38**	1,331	**68**	2,382	**98**	3,433
9	315	**39**	1,366	**69**	2,417	**99**	3,468
10	350	**40**	1,401	**70**	2,452	**100**	3,503
11	385	**41**	1,436	**71**	2,487	**101**	3,538
12	420	**42**	1,471	**72**	2,522	**102**	3,573
13	455	**43**	1,506	**73**	2,557	**103**	3,608
14	490	**44**	1,541	**74**	2,592	**104**	3,643
15	525	**45**	1,576	**75**	2,627	**105**	3,678
16	560	**46**	1,611	**76**	2,662	**106**	3,713
17	595	**47**	1,646	**77**	2,697	**107**	3,748
18	630	**48**	1,681	**78**	2,732	**108**	3,783
19	666	**49**	1,716	**79**	2,767	**109**	3,818
20	701	**50**	1,751	**80**	2,802	**110**	3,853
21	736	**51**	1,786	**81**	2,837	**111**	3,888
22	771	**52**	1,821	**82**	2,872	**112**	3,923
23	806	**53**	1,856	**83**	2,907	**113**	3,958
24	841	**54**	1,891	**84**	2,942	**114**	3,993
25	876	**55**	1,927	**85**	2,977	**115**	4,028
26	911	**56**	1,962	**86**	3,012	**116**	4,063
27	946	**57**	1,997	**87**	3,047	**117**	4,098
28	981	**58**	2,032	**88**	3,082	**118**	4,133
29	1,016	**59**	2,067	**89**	3,117	**119**	4,168
30	1,051	**60**	2,102	**90**	3,152	**119.42**	**4,183**

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 (119.42", in red). At the top of the straight sidewall the tank holds about 4,183 gallons, a little more than its listed 4,000 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 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 VTB04000-102.pdf. All dimensions in inches.

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