★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

6,000 GALLON HDPE VERTICAL TANK · VTB06000-102

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
6,000 gal	102"	167"	181"	35.03	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	35	**41**	1,436	**81**	2,837	**121**	4,238
2	70	**42**	1,471	**82**	2,872	**122**	4,273
3	105	**43**	1,506	**83**	2,907	**123**	4,308
4	140	**44**	1,541	**84**	2,942	**124**	4,343
5	175	**45**	1,576	**85**	2,977	**125**	4,378
6	210	**46**	1,611	**86**	3,012	**126**	4,413
7	245	**47**	1,646	**87**	3,047	**127**	4,449
8	280	**48**	1,681	**88**	3,082	**128**	4,484
9	315	**49**	1,716	**89**	3,117	**129**	4,519
10	350	**50**	1,751	**90**	3,152	**130**	4,554
11	385	**51**	1,786	**91**	3,188	**131**	4,589
12	420	**52**	1,821	**92**	3,223	**132**	4,624
13	455	**53**	1,856	**93**	3,258	**133**	4,659
14	490	**54**	1,891	**94**	3,293	**134**	4,694
15	525	**55**	1,927	**95**	3,328	**135**	4,729
16	560	**56**	1,962	**96**	3,363	**136**	4,764
17	595	**57**	1,997	**97**	3,398	**137**	4,799
18	630	**58**	2,032	**98**	3,433	**138**	4,834
19	666	**59**	2,067	**99**	3,468	**139**	4,869
20	701	**60**	2,102	**100**	3,503	**140**	4,904
21	736	**61**	2,137	**101**	3,538	**141**	4,939
22	771	**62**	2,172	**102**	3,573	**142**	4,974
23	806	**63**	2,207	**103**	3,608	**143**	5,009
24	841	**64**	2,242	**104**	3,643	**144**	5,044
25	876	**65**	2,277	**105**	3,678	**145**	5,079
26	911	**66**	2,312	**106**	3,713	**146**	5,114
27	946	**67**	2,347	**107**	3,748	**147**	5,149
28	981	**68**	2,382	**108**	3,783	**148**	5,184
29	1,016	**69**	2,417	**109**	3,818	**149**	5,219
30	1,051	**70**	2,452	**110**	3,853	**150**	5,254
31	1,086	**71**	2,487	**111**	3,888	**151**	5,289
32	1,121	**72**	2,522	**112**	3,923	**152**	5,324
33	1,156	**73**	2,557	**113**	3,958	**153**	5,359
34	1,191	**74**	2,592	**114**	3,993	**154**	5,394
35	1,226	**75**	2,627	**115**	4,028	**155**	5,429
36	1,261	**76**	2,662	**116**	4,063	**156**	5,464
37	1,296	**77**	2,697	**117**	4,098	**157**	5,499
38	1,331	**78**	2,732	**118**	4,133	**158**	5,534
39	1,366	**79**	2,767	**119**	4,168	**159**	5,569
40	1,401	**80**	2,802	**120**	4,203	**160**	5,604

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★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

6,000 GALLON HDPE VERTICAL TANK · VTB06000-102

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
161	5,639	**163**	5,709	**165**	5,780	**167**	**5,850**
162	5,674	**164**	5,745	**166**	5,815		

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 (167", in red). The listed 6,000 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 5,850 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 VTB06000-102.pdf. All dimensions in inches.

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