★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

5,000 GALLON HDPE VERTICAL TANK · VTB05000-95

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
5,000 gal	95"	161"	173"	30.36	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	30	**41**	1,245	**81**	2,459	**121**	3,674
2	61	**42**	1,275	**82**	2,490	**122**	3,704
3	91	**43**	1,306	**83**	2,520	**123**	3,735
4	121	**44**	1,336	**84**	2,550	**124**	3,765
5	152	**45**	1,366	**85**	2,581	**125**	3,795
6	182	**46**	1,397	**86**	2,611	**126**	3,826
7	213	**47**	1,427	**87**	2,642	**127**	3,856
8	243	**48**	1,457	**88**	2,672	**128**	3,886
9	273	**49**	1,488	**89**	2,702	**129**	3,917
10	304	**50**	1,518	**90**	2,733	**130**	3,947
11	334	**51**	1,549	**91**	2,763	**131**	3,978
12	364	**52**	1,579	**92**	2,793	**132**	4,008
13	395	**53**	1,609	**93**	2,824	**133**	4,038
14	425	**54**	1,640	**94**	2,854	**134**	4,069
15	455	**55**	1,670	**95**	2,884	**135**	4,099
16	486	**56**	1,700	**96**	2,915	**136**	4,129
17	516	**57**	1,731	**97**	2,945	**137**	4,160
18	547	**58**	1,761	**98**	2,976	**138**	4,190
19	577	**59**	1,791	**99**	3,006	**139**	4,220
20	607	**60**	1,822	**100**	3,036	**140**	4,251
21	638	**61**	1,852	**101**	3,067	**141**	4,281
22	668	**62**	1,882	**102**	3,097	**142**	4,312
23	698	**63**	1,913	**103**	3,127	**143**	4,342
24	729	**64**	1,943	**104**	3,158	**144**	4,372
25	759	**65**	1,974	**105**	3,188	**145**	4,403
26	789	**66**	2,004	**106**	3,218	**146**	4,433
27	820	**67**	2,034	**107**	3,249	**147**	4,463
28	850	**68**	2,065	**108**	3,279	**148**	4,494
29	881	**69**	2,095	**109**	3,310	**149**	4,524
30	911	**70**	2,125	**110**	3,340	**150**	4,554
31	941	**71**	2,156	**111**	3,370	**151**	4,585
32	972	**72**	2,186	**112**	3,401	**152**	4,615
33	1,002	**73**	2,216	**113**	3,431	**153**	4,646
34	1,032	**74**	2,247	**114**	3,461	**154**	4,676
35	1,063	**75**	2,277	**115**	3,492	**155**	4,706
36	1,093	**76**	2,308	**116**	3,522	**156**	4,737
37	1,123	**77**	2,338	**117**	3,552	**157**	4,767
38	1,154	**78**	2,368	**118**	3,583	**158**	4,797
39	1,184	**79**	2,399	**119**	3,613	**159**	4,828
40	1,215	**80**	2,429	**120**	3,644	**160**	4,858

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STRAPPING CHART

5,000 GALLON HDPE VERTICAL TANK · VTB05000-95

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
161	4,888						

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 (161", in red). The listed 5,000 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 4,888 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 VTB05000-95.pdf. All dimensions in inches.

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