★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

5,000 GALLON HDPE DOUBLE WALL VERTICAL TANK · VTBDC05000-102

Listed capacity	Outer diameter	Inner tank	Inner diameter	Inner sidewall	Gallons per inch
5,000 gal	102"	VTB05000-95	95"	161"	30.36

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

BAILIFF ENTERPRISES, INC. ♦ 305 E. Rogers Road ♦ Willis, TX 77378
Contact Dan Miller ♦ 936-228-1520 ♦ dmiller@plasticstoragetanks.com

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STRAPPING CHART

5,000 GALLON HDPE DOUBLE WALL VERTICAL TANK · VTBDC05000-102

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

How to read it: the liquid is held in the inner tank (VTB05000-95, 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 (161", in red). The listed 5,000 gallons includes part of the inner tank's dome; at the top of its straight sidewall the inner 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 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 VTBDC05000-102 (102" diameter, 178" overall height, Bailiff drawing VTBDC5000-102.pdf). Inner tank sizes from the Bailiff drawing for VTB05000-95. All dimensions in inches.

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