★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

5,000 GALLON HDPE VERTICAL TANK · VTB05000-142

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
5,000 gal	142"	79.36"	85"	68.08	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	68	**21**	1,430	**41**	2,791	**61**	4,153
2	136	**22**	1,498	**42**	2,859	**62**	4,221
3	204	**23**	1,566	**43**	2,927	**63**	4,289
4	272	**24**	1,634	**44**	2,995	**64**	4,357
5	340	**25**	1,702	**45**	3,063	**65**	4,425
6	408	**26**	1,770	**46**	3,131	**66**	4,493
7	477	**27**	1,838	**47**	3,200	**67**	4,561
8	545	**28**	1,906	**48**	3,268	**68**	4,629
9	613	**29**	1,974	**49**	3,336	**69**	4,697
10	681	**30**	2,042	**50**	3,404	**70**	4,765
11	749	**31**	2,110	**51**	3,472	**71**	4,833
12	817	**32**	2,178	**52**	3,540	**72**	4,901
13	885	**33**	2,246	**53**	3,608	**73**	4,970
14	953	**34**	2,315	**54**	3,676	**74**	5,038
15	1,021	**35**	2,383	**55**	3,744	**75**	5,106
16	1,089	**36**	2,451	**56**	3,812	**76**	5,174
17	1,157	**37**	2,519	**57**	3,880	**77**	5,242
18	1,225	**38**	2,587	**58**	3,948	**78**	5,310
19	1,293	**39**	2,655	**59**	4,016	**79**	5,378
20	1,362	**40**	2,723	**60**	4,085	**79.36**	**5,403**

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 (79.36", in red). At the top of the straight sidewall the tank holds about 5,403 gallons, a little more than its listed 5,000 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 VTB05000-142.pdf. All dimensions in inches.

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