★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

100 GALLON HDPE VERTICAL TANK · VTB00100-23

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
100 gal	23"	61.3"	62.5"	1.72	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	2	**17**	29	**33**	57	**49**	84
2	3	**18**	31	**34**	59	**50**	86
3	5	**19**	33	**35**	60	**51**	88
4	7	**20**	34	**36**	62	**52**	90
5	9	**21**	36	**37**	64	**53**	91
6	10	**22**	38	**38**	65	**54**	93
7	12	**23**	40	**39**	67	**55**	95
8	14	**24**	41	**40**	69	**56**	96
9	15	**25**	43	**41**	71	**57**	98
10	17	**26**	45	**42**	72	**58**	100
11	19	**27**	46	**43**	74	**59**	102
12	21	**28**	48	**44**	76	**60**	103
13	22	**29**	50	**45**	77	**61**	105
14	24	**30**	52	**46**	79	**61.3**	**106**
15	26	**31**	53	**47**	81		
16	28	**32**	55	**48**	83		

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 (61.3", in red). At the top of the straight sidewall the tank holds about 106 gallons, a little more than its listed 100 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 VTB00100-23.pdf. All dimensions in inches.

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