★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

650 GALLON HDPE VERTICAL TANK · VTB00650-046

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
650 gal	46"	92.5"	95.3"	7.04	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	7	**25**	176	**49**	345	**73**	514
2	14	**26**	183	**50**	352	**74**	521
3	21	**27**	190	**51**	359	**75**	528
4	28	**28**	197	**52**	366	**76**	535
5	35	**29**	204	**53**	373	**77**	542
6	42	**30**	211	**54**	380	**78**	549
7	49	**31**	218	**55**	387	**79**	556
8	56	**32**	225	**56**	394	**80**	563
9	63	**33**	232	**57**	401	**81**	570
10	70	**34**	239	**58**	408	**82**	577
11	77	**35**	246	**59**	415	**83**	584
12	84	**36**	253	**60**	422	**84**	591
13	92	**37**	260	**61**	429	**85**	598
14	99	**38**	267	**62**	436	**86**	605
15	106	**39**	275	**63**	443	**87**	612
16	113	**40**	282	**64**	450	**88**	619
17	120	**41**	289	**65**	458	**89**	626
18	127	**42**	296	**66**	465	**90**	633
19	134	**43**	303	**67**	472	**91**	641
20	141	**44**	310	**68**	479	**92**	648
21	148	**45**	317	**69**	486	**92.5**	**651**
22	155	**46**	324	**70**	493		
23	162	**47**	331	**71**	500		
24	169	**48**	338	**72**	507		

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 (92.5", in red).

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 VTB00650-046.pdf. All dimensions in inches.

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