★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

550 GALLON HDPE VERTICAL TANK · VTB00550-046

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
550 gal	46"	78"	81.5"	7.04	HDPE

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

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 (78", 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 VTB00550-046.pdf. All dimensions in inches.

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