★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

700 GALLON HDPE VERTICAL TANK · VTB00700-048

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
700 gal	48"	92"	94.5"	7.67	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	8	**24**	184	**47**	361	**70**	537
2	15	**25**	192	**48**	368	**71**	545
3	23	**26**	199	**49**	376	**72**	552
4	31	**27**	207	**50**	384	**73**	560
5	38	**28**	215	**51**	391	**74**	568
6	46	**29**	222	**52**	399	**75**	575
7	54	**30**	230	**53**	407	**76**	583
8	61	**31**	238	**54**	414	**77**	591
9	69	**32**	245	**55**	422	**78**	598
10	77	**33**	253	**56**	430	**79**	606
11	84	**34**	261	**57**	437	**80**	614
12	92	**35**	268	**58**	445	**81**	621
13	100	**36**	276	**59**	453	**82**	629
14	107	**37**	284	**60**	460	**83**	637
15	115	**38**	292	**61**	468	**84**	644
16	123	**39**	299	**62**	476	**85**	652
17	130	**40**	307	**63**	483	**86**	660
18	138	**41**	315	**64**	491	**87**	667
19	146	**42**	322	**65**	499	**88**	675
20	153	**43**	330	**66**	506	**89**	683
21	161	**44**	338	**67**	514	**90**	690
22	169	**45**	345	**68**	522	**91**	698
23	176	**46**	353	**69**	529	**92**	**706**

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", 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 VTB00700-048.pdf. All dimensions in inches.

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