★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

11,000 GALLON HDPE VERTICAL TANK · VTN11000-144

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
11,000 gal	144"	149.9"	165"	70.01	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	70	**33**	2,310	**65**	4,551	**97**	6,791
2	140	**34**	2,380	**66**	4,621	**98**	6,861
3	210	**35**	2,450	**67**	4,691	**99**	6,931
4	280	**36**	2,520	**68**	4,761	**100**	7,001
5	350	**37**	2,590	**69**	4,831	**101**	7,071
6	420	**38**	2,661	**70**	4,901	**102**	7,141
7	490	**39**	2,731	**71**	4,971	**103**	7,211
8	560	**40**	2,801	**72**	5,041	**104**	7,281
9	630	**41**	2,871	**73**	5,111	**105**	7,351
10	700	**42**	2,941	**74**	5,181	**106**	7,421
11	770	**43**	3,011	**75**	5,251	**107**	7,491
12	840	**44**	3,081	**76**	5,321	**108**	7,561
13	910	**45**	3,151	**77**	5,391	**109**	7,631
14	980	**46**	3,221	**78**	5,461	**110**	7,701
15	1,050	**47**	3,291	**79**	5,531	**111**	7,771
16	1,120	**48**	3,361	**80**	5,601	**112**	7,842
17	1,190	**49**	3,431	**81**	5,671	**113**	7,912
18	1,260	**50**	3,501	**82**	5,741	**114**	7,982
19	1,330	**51**	3,571	**83**	5,811	**115**	8,052
20	1,400	**52**	3,641	**84**	5,881	**116**	8,122
21	1,470	**53**	3,711	**85**	5,951	**117**	8,192
22	1,540	**54**	3,781	**86**	6,021	**118**	8,262
23	1,610	**55**	3,851	**87**	6,091	**119**	8,332
24	1,680	**56**	3,921	**88**	6,161	**120**	8,402
25	1,750	**57**	3,991	**89**	6,231	**121**	8,472
26	1,820	**58**	4,061	**90**	6,301	**122**	8,542
27	1,890	**59**	4,131	**91**	6,371	**123**	8,612
28	1,960	**60**	4,201	**92**	6,441	**124**	8,682
29	2,030	**61**	4,271	**93**	6,511	**125**	8,752
30	2,100	**62**	4,341	**94**	6,581	**126**	8,822
31	2,170	**63**	4,411	**95**	6,651	**127**	8,892
32	2,240	**64**	4,481	**96**	6,721	**128**	8,962

BAILIFF ENTERPRISES, INC. ♦ 305 E. Rogers Road ♦ Willis, TX 77378
Contact Dan Miller ♦ 936-228-1520 ♦ dmiller@plasticstoragetanks.com

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11,000 GALLON HDPE VERTICAL TANK · VTN11000-144

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
129	9,032	**135**	9,452	**141**	9,872	**147**	10,292
130	9,102	**136**	9,522	**142**	9,942	**148**	10,362
131	9,172	**137**	9,592	**143**	10,012	**149**	10,432
132	9,242	**138**	9,662	**144**	10,082	**149.9**	**10,495**
133	9,312	**139**	9,732	**145**	10,152		
134	9,382	**140**	9,802	**146**	10,222		

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 (149.9", in red). The listed 11,000 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 10,495 gallons.

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 Norwesco drawing VTN11000-144.pdf. All dimensions in inches.

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