★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

5,500 GALLON HDPE CONE BOTTOM TANK · CBTN05500-119

Listed capacity	Diameter	Cone depth	Sidewall top	Gallons per inch	Resin
5,500 gal	119"	31.4"	130.59"	47.74	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	0	**33**	628	**65**	2,156	**97**	3,684
2	1	**34**	676	**66**	2,204	**98**	3,732
3	2	**35**	724	**67**	2,252	**99**	3,779
4	4	**36**	772	**68**	2,299	**100**	3,827
5	6	**37**	819	**69**	2,347	**101**	3,875
6	9	**38**	867	**70**	2,395	**102**	3,923
7	13	**39**	915	**71**	2,443	**103**	3,970
8	17	**40**	963	**72**	2,490	**104**	4,018
9	22	**41**	1,010	**73**	2,538	**105**	4,066
10	29	**42**	1,058	**74**	2,586	**106**	4,114
11	36	**43**	1,106	**75**	2,634	**107**	4,161
12	44	**44**	1,153	**76**	2,681	**108**	4,209
13	54	**45**	1,201	**77**	2,729	**109**	4,257
14	65	**46**	1,249	**78**	2,777	**110**	4,305
15	78	**47**	1,297	**79**	2,825	**111**	4,352
16	91	**48**	1,344	**80**	2,872	**112**	4,400
17	107	**49**	1,392	**81**	2,920	**113**	4,448
18	124	**50**	1,440	**82**	2,968	**114**	4,496
19	143	**51**	1,488	**83**	3,015	**115**	4,543
20	163	**52**	1,535	**84**	3,063	**116**	4,591
21	186	**53**	1,583	**85**	3,111	**117**	4,639
22	210	**54**	1,631	**86**	3,159	**118**	4,687
23	237	**55**	1,679	**87**	3,206	**119**	4,734
24	265	**56**	1,726	**88**	3,254	**120**	4,782
25	296	**57**	1,774	**89**	3,302	**121**	4,830
26	330	**58**	1,822	**90**	3,350	**122**	4,877
27	365	**59**	1,870	**91**	3,397	**123**	4,925
28	403	**60**	1,917	**92**	3,445	**124**	4,973
29	444	**61**	1,965	**93**	3,493	**125**	5,021
30	487	**62**	2,013	**94**	3,541	**126**	5,068
31	533	**63**	2,061	**95**	3,588	**127**	5,116
32	581	**64**	2,108	**96**	3,636	**128**	5,164

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Contact Dan Miller ♦ 936-228-1520 ♦ dmiller@plasticstoragetanks.com

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Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
129	5,212	**130**	5,259	**130.59**	**5,288**		

How to read it: measure the liquid depth straight down from the surface to the lowest point inside the cone (the outlet), in inches, and read the gallons beside it. Gallons per inch grow quickly through the cone (the first 31.4") and change little above it. The chart runs to the top of the straight sidewall (130.59", in red). The listed 5,500 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 5,288 gallons.

Above the sidewall: the top of the tank above the straight wall holds a little more, and the tank may be filled "brim full" with care. That extra volume is not charted.

Accuracy: calculated from the tank's shape 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, most of all in the first inches of the cone. Use the chart as a close guide, not for custody transfer or billing.

Shape from the tank's 3D model; dimensions as on the Norwesco drawing CBTN5500-119.pdf. All dimensions in inches.

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