★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

6,000 GALLON HDPE CONE BOTTOM TANK · CBTN06000-102

Listed capacity	Diameter	Cone depth	Sidewall top	Gallons per inch	Resin
6,000 gal	102"	12"	181.53"	35.03	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	1	**41**	1,182	**81**	2,583	**121**	3,984
2	3	**42**	1,217	**82**	2,618	**122**	4,019
3	7	**43**	1,252	**83**	2,653	**123**	4,054
4	12	**44**	1,287	**84**	2,688	**124**	4,089
5	20	**45**	1,322	**85**	2,723	**125**	4,125
6	30	**46**	1,357	**86**	2,758	**126**	4,160
7	43	**47**	1,392	**87**	2,793	**127**	4,195
8	59	**48**	1,427	**88**	2,829	**128**	4,230
9	80	**49**	1,462	**89**	2,864	**129**	4,265
10	104	**50**	1,497	**90**	2,899	**130**	4,300
11	133	**51**	1,532	**91**	2,934	**131**	4,335
12	166	**52**	1,568	**92**	2,969	**132**	4,370
13	201	**53**	1,603	**93**	3,004	**133**	4,405
14	236	**54**	1,638	**94**	3,039	**134**	4,440
15	271	**55**	1,673	**95**	3,074	**135**	4,475
16	307	**56**	1,708	**96**	3,109	**136**	4,510
17	342	**57**	1,743	**97**	3,144	**137**	4,545
18	377	**58**	1,778	**98**	3,179	**138**	4,580
19	412	**59**	1,813	**99**	3,214	**139**	4,615
20	447	**60**	1,848	**100**	3,249	**140**	4,650
21	482	**61**	1,883	**101**	3,284	**141**	4,685
22	517	**62**	1,918	**102**	3,319	**142**	4,720
23	552	**63**	1,953	**103**	3,354	**143**	4,755
24	587	**64**	1,988	**104**	3,389	**144**	4,790
25	622	**65**	2,023	**105**	3,424	**145**	4,825
26	657	**66**	2,058	**106**	3,459	**146**	4,860
27	692	**67**	2,093	**107**	3,494	**147**	4,895
28	727	**68**	2,128	**108**	3,529	**148**	4,930
29	762	**69**	2,163	**109**	3,564	**149**	4,965
30	797	**70**	2,198	**110**	3,599	**150**	5,000
31	832	**71**	2,233	**111**	3,634	**151**	5,035
32	867	**72**	2,268	**112**	3,669	**152**	5,070
33	902	**73**	2,303	**113**	3,704	**153**	5,105
34	937	**74**	2,338	**114**	3,739	**154**	5,140
35	972	**75**	2,373	**115**	3,774	**155**	5,175
36	1,007	**76**	2,408	**116**	3,809	**156**	5,210
37	1,042	**77**	2,443	**117**	3,844	**157**	5,245
38	1,077	**78**	2,478	**118**	3,879	**158**	5,280
39	1,112	**79**	2,513	**119**	3,914	**159**	5,315
40	1,147	**80**	2,548	**120**	3,949	**160**	5,350

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

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STRAPPING CHART

6,000 GALLON HDPE CONE BOTTOM TANK · CBTN06000-102

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
161	5,386	**167**	5,596	**173**	5,806	**179**	6,016
162	5,421	**168**	5,631	**174**	5,841	**180**	6,051
163	5,456	**169**	5,666	**175**	5,876	**181**	6,086
164	5,491	**170**	5,701	**176**	5,911	**181.53**	**6,105**
165	5,526	**171**	5,736	**177**	5,946		
166	5,561	**172**	5,771	**178**	5,981		

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 12") and change little above it. The chart runs to the top of the straight sidewall (181.53", in red). At the top of the straight sidewall the tank holds about 6,105 gallons, a little more than its listed 6,000 gallon capacity.

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 CBTN6000-102-15DEG.pdf. All dimensions in inches.

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