★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

3,000 GALLON HDPE CONE BOTTOM TANK · CBTN03000-91

Listed capacity	Diameter	Cone depth	Sidewall top	Gallons per inch	Resin
3,000 gal	91"	11"	105.06"	27.85	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	1	**28**	593	**55**	1,345	**82**	2,097
2	2	**29**	621	**56**	1,373	**83**	2,124
3	5	**30**	649	**57**	1,400	**84**	2,152
4	10	**31**	676	**58**	1,428	**85**	2,180
5	16	**32**	704	**59**	1,456	**86**	2,208
6	25	**33**	732	**60**	1,484	**87**	2,236
7	37	**34**	760	**61**	1,512	**88**	2,264
8	52	**35**	788	**62**	1,540	**89**	2,292
9	70	**36**	816	**63**	1,568	**90**	2,319
10	93	**37**	843	**64**	1,595	**91**	2,347
11	119	**38**	871	**65**	1,623	**92**	2,375
12	147	**39**	899	**66**	1,651	**93**	2,403
13	175	**40**	927	**67**	1,679	**94**	2,431
14	203	**41**	955	**68**	1,707	**95**	2,459
15	231	**42**	983	**69**	1,735	**96**	2,486
16	259	**43**	1,011	**70**	1,762	**97**	2,514
17	287	**44**	1,038	**71**	1,790	**98**	2,542
18	314	**45**	1,066	**72**	1,818	**99**	2,570
19	342	**46**	1,094	**73**	1,846	**100**	2,598
20	370	**47**	1,122	**74**	1,874	**101**	2,626
21	398	**48**	1,150	**75**	1,902	**102**	2,654
22	426	**49**	1,178	**76**	1,930	**103**	2,681
23	454	**50**	1,206	**77**	1,957	**104**	2,709
24	481	**51**	1,233	**78**	1,985	**105**	2,737
25	509	**52**	1,261	**79**	2,013	**105.06**	**2,739**
26	537	**53**	1,289	**80**	2,041		
27	565	**54**	1,317	**81**	2,069		

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 11") and change little above it. The chart runs to the top of the straight sidewall (105.06", in red). The listed 3,000 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 2,739 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 CBTN3000-91.pdf. All dimensions in inches.

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