★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

2,000 GALLON HDPE CONE BOTTOM TANK · CBTB02000-80

Listed capacity	Diameter	Cone depth	Sidewall top	Gallons per inch	Resin
2,000 gal	80"	8"	97.75"	21.49	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	1	**26**	455	**51**	993	**76**	1,530
2	3	**27**	477	**52**	1,014	**77**	1,551
3	6	**28**	498	**53**	1,036	**78**	1,573
4	12	**29**	520	**54**	1,057	**79**	1,594
5	21	**30**	541	**55**	1,079	**80**	1,616
6	33	**31**	563	**56**	1,100	**81**	1,637
7	48	**32**	584	**57**	1,121	**82**	1,659
8	69	**33**	606	**58**	1,143	**83**	1,680
9	90	**34**	627	**59**	1,164	**84**	1,702
10	112	**35**	649	**60**	1,186	**85**	1,723
11	133	**36**	670	**61**	1,207	**86**	1,745
12	154	**37**	692	**62**	1,229	**87**	1,766
13	176	**38**	713	**63**	1,250	**88**	1,788
14	197	**39**	735	**64**	1,272	**89**	1,809
15	219	**40**	756	**65**	1,293	**90**	1,831
16	240	**41**	778	**66**	1,315	**91**	1,852
17	262	**42**	799	**67**	1,336	**92**	1,874
18	283	**43**	821	**68**	1,358	**93**	1,895
19	305	**44**	842	**69**	1,379	**94**	1,917
20	326	**45**	864	**70**	1,401	**95**	1,938
21	348	**46**	885	**71**	1,422	**96**	1,960
22	369	**47**	907	**72**	1,444	**97**	1,981
23	391	**48**	928	**73**	1,465	**97.75**	**1,997**
24	412	**49**	950	**74**	1,487		
25	434	**50**	971	**75**	1,508		

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 8") and change little above it. The chart runs to the top of the straight sidewall (97.75", in red).

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 Bailiff drawing CBTB02000-90.pdf. All dimensions in inches.

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