★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

300 GALLON HDPE CONE BOTTOM TANK · CBTN00300-49

Listed capacity	Diameter	Cone depth	Sidewall top	Gallons per inch	Resin
300 gal	49"	22"	50.42"	7.99	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	0	**14**	18	**27**	104	**40**	208
2	0	**15**	22	**28**	112	**41**	216
3	0	**16**	26	**29**	120	**42**	224
4	1	**17**	31	**30**	128	**43**	232
5	1	**18**	36	**31**	136	**44**	240
6	2	**19**	42	**32**	144	**45**	248
7	3	**20**	49	**33**	152	**46**	256
8	4	**21**	56	**34**	160	**47**	264
9	6	**22**	64	**35**	168	**48**	272
10	7	**23**	72	**36**	176	**49**	280
11	10	**24**	80	**37**	184	**50**	288
12	12	**25**	88	**38**	192	**50.42**	**291**
13	15	**26**	96	**39**	200		

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 22") and change little above it. The chart runs to the top of the straight sidewall (50.42", in red). The listed 300 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 291 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 CBTN0300-49.pdf. All dimensions in inches.

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