★ BAILIFF ENTERPRISES, INC. ★

STRAPPING CHART

13,000 GALLON HDPE VERTICAL TANK · VTN13000-144

Listed capacity	Diameter	Straight sidewall	Overall height	Gallons per inch	Resin
13,000 gal	144"	174.6"	193"	70.01	HDPE

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
1	70	**41**	2,871	**81**	5,671	**121**	8,472
2	140	**42**	2,941	**82**	5,741	**122**	8,542
3	210	**43**	3,011	**83**	5,811	**123**	8,612
4	280	**44**	3,081	**84**	5,881	**124**	8,682
5	350	**45**	3,151	**85**	5,951	**125**	8,752
6	420	**46**	3,221	**86**	6,021	**126**	8,822
7	490	**47**	3,291	**87**	6,091	**127**	8,892
8	560	**48**	3,361	**88**	6,161	**128**	8,962
9	630	**49**	3,431	**89**	6,231	**129**	9,032
10	700	**50**	3,501	**90**	6,301	**130**	9,102
11	770	**51**	3,571	**91**	6,371	**131**	9,172
12	840	**52**	3,641	**92**	6,441	**132**	9,242
13	910	**53**	3,711	**93**	6,511	**133**	9,312
14	980	**54**	3,781	**94**	6,581	**134**	9,382
15	1,050	**55**	3,851	**95**	6,651	**135**	9,452
16	1,120	**56**	3,921	**96**	6,721	**136**	9,522
17	1,190	**57**	3,991	**97**	6,791	**137**	9,592
18	1,260	**58**	4,061	**98**	6,861	**138**	9,662
19	1,330	**59**	4,131	**99**	6,931	**139**	9,732
20	1,400	**60**	4,201	**100**	7,001	**140**	9,802
21	1,470	**61**	4,271	**101**	7,071	**141**	9,872
22	1,540	**62**	4,341	**102**	7,141	**142**	9,942
23	1,610	**63**	4,411	**103**	7,211	**143**	10,012
24	1,680	**64**	4,481	**104**	7,281	**144**	10,082
25	1,750	**65**	4,551	**105**	7,351	**145**	10,152
26	1,820	**66**	4,621	**106**	7,421	**146**	10,222
27	1,890	**67**	4,691	**107**	7,491	**147**	10,292
28	1,960	**68**	4,761	**108**	7,561	**148**	10,362
29	2,030	**69**	4,831	**109**	7,631	**149**	10,432
30	2,100	**70**	4,901	**110**	7,701	**150**	10,502
31	2,170	**71**	4,971	**111**	7,771	**151**	10,572
32	2,240	**72**	5,041	**112**	7,842	**152**	10,642
33	2,310	**73**	5,111	**113**	7,912	**153**	10,712
34	2,380	**74**	5,181	**114**	7,982	**154**	10,782
35	2,450	**75**	5,251	**115**	8,052	**155**	10,852
36	2,520	**76**	5,321	**116**	8,122	**156**	10,922
37	2,590	**77**	5,391	**117**	8,192	**157**	10,992
38	2,661	**78**	5,461	**118**	8,262	**158**	11,062
39	2,731	**79**	5,531	**119**	8,332	**159**	11,132
40	2,801	**80**	5,601	**120**	8,402	**160**	11,202

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STRAPPING CHART

13,000 GALLON HDPE VERTICAL TANK · VTN13000-144

Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons	Depth (in)	Gallons
161	11,272	**165**	11,552	**169**	11,832	**173**	12,112
162	11,342	**166**	11,622	**170**	11,902	**174**	12,182
163	11,412	**167**	11,692	**171**	11,972	**174.6**	**12,224**
164	11,482	**168**	11,762	**172**	12,042		

How to read it: measure the liquid depth straight down from the surface to the inside bottom of the tank, in inches, and read the gallons beside it. The chart runs to the top of the straight sidewall (174.6", in red). The listed 13,000 gallons includes part of the dome; at the top of the straight sidewall the tank holds about 12,224 gallons.

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

Accuracy: calculated from the tank's dimensions 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. The first inch near the bottom corner holds slightly less than shown. Use the chart as a close guide, not for custody transfer or billing.

Dimensions from the Norwesco drawing VTN13000-144.pdf. All dimensions in inches.

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