

Poly Processing Company  
 Incremental Capacity Sheet for Cone Bottom Tanks

Tank: 6500 Gallon Cone Bottom Tank

Print Date: 10/02/02

Cylindrical Shell Outside Diameter	=	111 in
Lower Conical Outside Diameter	=	14 in
Cylindrical Shell Length	=	141.5 in
Conical Shell Length	=	47 in
Conical Shell Volume	=	730 gal
Cylindrical Shell Volume	=	5821 gal
Calculated Tank Capacity	=	6551 gal

Conical Shell Capacity				Cylindrical Shell Capacity							
Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons
1	1	41	510	48	771	88	2417	128	4062	168	5708
2	2	42	543	49	812	89	2458	129	4103	169	5749
3	3	43	577	50	853	90	2499	130	4144	170	5790
4	4	44	613	51	895	91	2540	131	4186	171	5831
5	6	45	650	52	936	92	2581	132	4227	172	5872
6	8	46	689	53	977	93	2622	133	4268	173	5913
7	10	47	730	54	1018	94	2663	134	4309	174	5955
8	13			55	1059	95	2705	135	4350	175	5996
9	16			56	1100	96	2746	136	4391	176	6037
10	20			57	1141	97	2787	137	4432	177	6078
11	24			58	1183	98	2828	138	4474	178	6119
12	28			59	1224	99	2869	139	4515	179	6160
13	33			60	1265	100	2910	140	4556	180	6201
14	39			61	1306	101	2951	141	4597	181	6242
15	45			62	1347	102	2993	142	4638	182	6284
16	52			63	1388	103	3034	143	4679	183	6325
17	60			64	1429	104	3075	144	4720	184	6366
18	68			65	1470	105	3116	145	4762	185	6407
19	77			66	1512	106	3157	146	4803	186	6448
20	87			67	1553	107	3198	147	4844	187	6489
21	97			68	1594	108	3239	148	4885	188	6530
22	108			69	1635	109	3281	149	4926	189	6551
23	120			70	1676	110	3322	150	4967		
24	133			71	1717	111	3363	151	5008		
25	147			72	1758	112	3404	152	5049		
26	161			73	1800	113	3445	153	5091		
27	177			74	1841	114	3486	154	5132		
28	194			75	1882	115	3527	155	5173		
29	211			76	1923	116	3569	156	5214		
30	230			77	1964	117	3610	157	5255		
31	249			78	2005	118	3651	158	5296		
32	270			79	2046	119	3692	159	5337		
33	292			80	2088	120	3733	160	5379		
34	315			81	2129	121	3774	161	5420		
35	339			82	2170	122	3815	162	5461		
36	364			83	2211	123	3856	163	5502		
37	391			84	2252	124	3898	164	5543		
38	418			85	2293	125	3939	165	5584		
39	448			86	2334	126	3980	166	5625		
40	478			87	2376	127	4021	167	5667		

NOTE: The above values are not intended for input or output metering.