

Poly Processing Company
 Incremental Capacity Sheet for Cone Bottom Tanks

Tank: 4100 Gallon Cone Bottom Tank
 Print Date: 10/02/02

Cylindrical Shell Outside Diameter = 95 in
 Lower Conical Outside Diameter = 13.5 in
 Cylindrical Shell Length = 128 in
 Conical Shell Length = 24 in
 Conical Shell Volume = 279 gal
 Cylindrical Shell Volume = 3865 gal
 Calculated Tank Capacity = 4144 gal

Conical Shell Capacity		Cylindrical Shell Capacity							
Inches	Gallons	Inches		Inches		Inches		Inches	
1	1	25	309	65	1517	105	2725	145	3933
2	2	26	339	66	1547	106	2755	146	3963
3	3	27	370	67	1577	107	2785	147	3993
4	5	28	400	68	1608	108	2815	148	4023
5	8	29	430	69	1638	109	2846	149	4053
6	11	30	460	70	1668	110	2876	150	4084
7	16	31	490	71	1698	111	2906	151	4114
8	21	32	521	72	1728	112	2936	152	4144
9	26	33	551	73	1759	113	2966		
10	33	34	581	74	1789	114	2997		
11	41	35	611	75	1819	115	3027		
12	50	36	641	76	1849	116	3057		
13	61	37	672	77	1879	117	3087		
14	72	38	702	78	1910	118	3117		
15	85	39	732	79	1940	119	3148		
16	100	40	762	80	1970	120	3178		
17	116	41	792	81	2000	121	3208		
18	134	42	823	82	2030	122	3238		
19	153	43	853	83	2061	123	3268		
20	174	44	883	84	2091	124	3299		
21	197	45	913	85	2121	125	3329		
22	222	46	943	86	2151	126	3359		
23	250	47	973	87	2181	127	3389		
24	279	48	1004	88	2212	128	3419		
		49	1034	89	2242	129	3450		
		50	1064	90	2272	130	3480		
		51	1094	91	2302	131	3510		
		52	1124	92	2332	132	3540		
		53	1155	93	2362	133	3570		
		54	1185	94	2393	134	3600		
		55	1215	95	2423	135	3631		
		56	1245	96	2453	136	3661		
		57	1275	97	2483	137	3691		
		58	1306	98	2513	138	3721		
		59	1336	99	2544	139	3751		
		60	1366	100	2574	140	3782		
		61	1396	101	2604	141	3812		
		62	1426	102	2634	142	3842		
		63	1457	103	2664	143	3872		
		64	1487	104	2695	144	3902		

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