

Poly Processing Company  
 Incremental Capacity Sheet for Cone Bottom Tanks

Tank: 1070 Gallon Cone Bottom Tank (50 Degree Cone)  
 Print Date: 10/12/10

Cylindrical Shell Outside Diameter	=	61 in
Lower Conical Outside Diameter	=	12 in
Cylindrical Shell Length	=	75 in
Conical Shell Length	=	27 in
Conical Shell Volume	=	137 gal
Cylindrical Shell Volume	=	932 gal
Calculated Tank Capacity	=	1069 gal

Conical Shell Capacity		Cylindrical Shell Capacity			
Inches	Gallons	Inches		Inches	
1	1	28	149	68	646
2	1	29	162	69	659
3	2	30	174	70	671
4	3	31	187	71	684
5	4	32	199	72	696
6	6	33	212	73	709
7	8	34	224	74	721
8	10	35	236	75	733
9	12	36	249	76	746
10	15	37	261	77	758
11	18	38	274	78	771
12	22	39	286	79	783
13	26	40	299	80	796
14	30	41	311	81	808
15	35	42	323	82	820
16	40	43	336	83	833
17	46	44	348	84	845
18	53	45	361	85	858
19	60	46	373	86	870
20	67	47	386	87	883
21	75	48	398	88	895
22	84	49	410	89	907
23	93	50	423	90	920
24	103	51	435	91	932
25	114	52	448	92	945
26	125	53	460	93	957
27	137	54	473	94	970
		55	485	95	982
		56	497	96	994
		57	510	97	1007
		58	522	98	1019
		59	535	99	1032
		60	547	100	1044
		61	560	101	1057
		62	572	102	1069
		63	584		
		64	597		
		65	609		
		66	622		
		67	634		

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