

This chart is based on dimensions used by Core Engineered Solutions, Inc. manufacturing plant Telford, PA.
 When using these charts please take into consideration that fuel volume will change approximately .5%
 for every 10 degrees F change in fuel temperature.

CONVAULT INCHES-TO-GALLONS CONVERSION CHART E1000/500 Gallon ConVault (WIDTH SPLIT)

(dimensions are inches)	Length	Width	Height
External Dimensions	146	96	66
Internal Dimensions	Length	Width	Height*
1000 GALLON SIDE	80.25	84	36
500 GALLON SIDE	43	84	36

*Polystyrene block in base of vault makes up difference between vault dim and tank i.d.

Inches	1000 SIDE Gallons	500 SIDE Gallons	Inches	1000 SIDE Gallons	500 SIDE Gallons		
1/8	4	2	17	496	266		
1/4	7	4	18	525	281		
3/8	11	6	19	554	297		
1/2	15	8	20	584	313		
5/8	18	10	21	613	328		
3/4	22	12	22	642	344		
7/8	26	14	23	671	360		
1	29	16	24	700	375		
			25	730	391		
1	29	16	26	759	407		
2	58	31	27	788	422		
3	88	47	28	817	438		
4	117	63	29	846	453		
5	146	78	30	875	469		
6	175	94	31	905	485		
7	204	109	32	934	500		
8	233	125	33	963	516		
9	263	141	34	992	532		
10	292	156	35	1021	547		
11	321	172	36	1051	563		
12	350	188					
13	379	203					
14	409	219					
15	438	235					
16	467	250					