Plasteel Interstitial Monitor

Table 4. Gas, Diesel, Water Leaks - Plasteel Doublewall Composite Style Contruction

Tank Capacity Capacity (gal)	Tank Diameter (in)	Tank Length (ft-in)	Annular Volume (gal)	Test Time (hrs)		
				Gas	Diesel	Water
500	48	6-1	38	7.21	77.22	83.79
1000	64	6-8	91	17.26	184.92	200.66
2000	94	6-3	182	34.51	369.94	401.32
3000	94	9-2	210	39.82	426.73	463.06
4000	94	12-1	237	44.94	481.6	522.59
5000	94	15-0	265	50.25	538.5	584.34
6000	94	18-0	293	55.56	595.39	646.08
8000	114	16-4	368	69.78	747.8	811.46
10000	114	20-4	414	78.5	841.27	912.89
12000	114	24-3	459	87.03	932.72	1012.11
15000	114	30-4	528	100.12	1072.93	1164.26
20000	114	40-4	640	121.35	1300.52	1411.23
30000	114	37-7	1281	242.9	2603.18	2824.66
40000	114	50-6	1579	299.4	3208.63	3481.76
50000	114	62-6	1863	362.99	3785.73	4107.99

Table 5. Gas, Diesel, Water Leaks - Plasteel Doublewall Jacketed (Elutron) Style Construction

Tank Capacity Capacity (gal)	Tank Diameter (in)	Tank Length (ft-in)	Annular Volume (gal)	Test Time (hrs)		
				Gas	Diesel	Water
500	48	5-9	3	0.57	6.1	6.62
1000	64	6-3	4	0.76	8.13	8.82
2000	94	5-11	5	0.95	10.16	11.03
3000	94	8-10	6	1.14	12.19	13.23
4000	94	11-9	7	1.33	14.22	15.44
5000	94	14-8	8	1.52	16.26	17.64
6000	94	17-8	9	1.71	18.29	19.85
6000	96	16-4	9	1.71	18.29	19.85
8000	114	16-0	10	1.9	20.32	22.05
10000	114	20-0	13	2.47	26.42	28.67
12000	114	24-0	15	2.84	30.48	33.08
15000	114	30-0	17	3.22	34.55	37.49
20000	114	39-8	22	4.17	44.71	48.51
20000	120	34-1	20.4	3.86	41.41	44.97
20000*	120	34-5.5	20.6	3.91	41.82	45.42
30000	114	37-1	26	4.93	52.83	57.33
40000	114	50-0	34	6.45	69.09	74.97
50000	114	62-0	41	7.77	83.31	90.41

*This tank has a 3" diameter riser for the sensor. All other tanks have a 2"