

Maximum Sludge/Product Widths and Depths for 98% Internal Surface Inspection

Steel Underground Storage Tank			Sludge/Product Allowed		
Nominal Gallons	Diameter (inches)	Length (inches)	Angle (radians)	Average Band Width (inches)	Average Depth (inches)
300	38.5	60.00	0.082990	3.191	0.066
375	38.5	76.00	0.078747	3.029	0.060
500	45.5	72.00	0.082685	3.758	0.078
600	45.5	88.00	0.079075	3.594	0.071
550	48.0	72.00	0.083776	4.017	0.084
650	48.0	88.00	0.079968	3.834	0.077
1,000	64.0	80.00	0.087965	5.622	0.124
1,500	64.0	108.00	0.081449	5.207	0.106
2,000	64.0	144.00	0.076794	4.910	0.094
2,500	75.5	132.00	0.080801	6.094	0.123
3,000	75.5	156.00	0.078036	5.886	0.115
3,500	75.5	180.00	0.076009	5.733	0.109
4,000	75.5	204.00	0.074459	5.616	0.105
5,000	95.5	168.00	0.080690	7.698	0.155
5,500	96.5	176.00	0.080057	7.717	0.155
6,000	95.5	204.00	0.077539	7.398	0.143
6,500	119.0	132.00	0.091154	10.832	0.247
7,000	95.5	234.00	0.075653	7.218	0.137
7,500	95.5	252.00	0.074737	7.131	0.133
8,000	95.5	264.00	0.074196	7.079	0.131
8,000	119.0	168.00	0.085085	10.113	0.215
10,000	95.5	336.00	0.071761	6.847	0.123
10,000	119.0	210.00	0.080634	9.585	0.193
12,000	95.5	396.00	0.070408	6.718	0.118
12,000	119.0	252.00	0.077667	9.233	0.179
15,000	95.5	492.00	0.068930	6.578	0.113
15,000	98.0	462.00	0.069496	6.805	0.118
15,000	119.0	312.00	0.074814	8.895	0.166
20,000	119.0	420.00	0.071733	8.529	0.153
25,000	132.0	432.00	0.072431	9.553	0.173
Other				0.00	0.00

**Note: Dimensions are approximate.
Calculations assume tank is level.**

Assumes that covered end area is small when compared to covered bottom of tank area.

