

4" Wall Trench Shields

4L Series

The combination of narrow sidewalls, relative light-weight construction and good depth ratings, these 4" trench shields can save money, time, and lives. The 4L Series offers a single wall and a double wall version, standard heights range from 4' to 8', with lengths from 6' to 20', providing up to 48" of vertical pipe clearance. These 4" trench shields are perfectly suited for excavators in the 40,000 lb. to 50,000 lb. range. 4L Series shields use 5DS (5" Sch 80) spreaders.



4M Series

The 4" wall series of trench shields are the standard of the trench shield industry. With the combination of narrow sidewalls, relative light-weight construction and good depth ratings, these 4" trench shields can save money, time, and lives. The 4M Series, standard height range from 4' to 10' with lengths exceeding 24', while providing up to 76" of vertical pipe clearance. 4M trench shields are perfectly suited for excavators in the 40,000 lb. to 60,000 lb. range. 4M Series shields use the 8DS (8" Sch 80) spreaders.

Model	Size		Pipe Clearance	Weight (lbs.)	Shield Cap (PSF)*	Maximum Depth per Soil Type (ft.)*			
	H	L				A	B	C-60	C-80
SINGLE-WALL									
4L46SW	4'	6'	16"	1776	3319	99	76	57	43
4L48SW	4'	8'	16"	2044	1517	63	36	27	21
4L410SW	4'	10'	16"	2312	908	38	22	17	13
4L412SW	4'	12'	16"	2556	604	26	15	12	10
4L66SW	6'	6'	40"	2135	1627	68	39	30	23
4L68SW	6'	8'	40"	2505	1250	53	31	24	19
4L610SW	6'	10'	40"	2881	870	38	22	17	14
4L612SW	6'	12'	40"	3218	578	26	16	13	10
4L86SW	8'	6'	48"	2525	1165	51	30	23	19
4L88SW	8'	8'	48"	3004	919	41	24	19	15
4L810SW	8'	10'	48"	3487	735	33	20	16	13
4L812SW	8'	12'	48"	3917	565	27	17	13	11
DOUBLE-WALL									
4L410	4'	10'	16"	2576	1662	68	39	30	23
4L412	4'	12'	16"	2874	1385	57	33	25	19
4L414	4'	14'	16"	3172	1187	49	28	22	17
4L416	4'	16'	16"	3470	906	38	22	17	13
4L610	6'	10'	40"	3343	1733	72	42	32	25
4L612	6'	12'	40"	3775	1444	61	35	27	21
4L614	6'	14'	40"	4206	1238	53	31	24	18
4L616	6'	16'	40"	4638	938	41	24	19	15
4L810	8'	10'	48"	4149	1770	75	43	33	26
4L812	8'	12'	48"	4714	1475	63	37	29	22
4L814	8'	14'	48"	5280	1264	55	32	25	20
4L816	8'	16'	48"	5845	954	42	25	20	16
4L820	8'	20'	48"	6976	592	28	17	14	11

Model	Size		Pipe Clearance	Weight (lbs.)	Shield Cap (PSF)*	Maximum Depth per Soil Type (ft.)*			
	H	L				A	B	C-60	C-80
4M412	4'	12'	16"	3501	2575	99	59	45	34
4M416	4'	16'	16"	4318	1418	59	34	26	20
4M420	4'	20'	16"	5160	876	37	21	17	13
4M424	4'	24'	16"	5984	569	25	15	11	9
4M612	6'	12'	40"	4622	2696	99	63	48	37
4M616	6'	16'	40"	5788	1473	62	36	28	21
4M620	6'	20'	40"	6993	909	39	23	18	14
4M624	6'	24'	40"	8170	579	26	16	13	10
4M812	8'	12'	64"	5787	1868	79	46	35	27
4M816	8'	16'	64"	7302	1401	60	35	27	22
4M820	8'	20'	64"	8871	926	41	25	19	16
4M824	8'	24'	64"	10401	583	27	17	14	11
4M1016	10'	16'	76"	8817	994	45	27	22	17
4M1020	10'	20'	76"	10749	795	37	23	18	15
4M1024	10'	24'	76"	12633	586	28	18	15	12

Additional sizes are also available