

# 6" Wall Trench Shields

## 6M Series

The work horse of the trench shield industry, the 6M Series offers end-users an excellent depth rating, while still keeping the weight at a manageable level. The 6M Series is one of the best ways to save money on excavation cost while providing workers with the peace of mind that they are protected. Enabling them to focus on production.

The 6M Series is designed to be used with excavators with the 50,000 to 80,000 pound range. 6M Series shields use 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
6M416	4'	16'	16"	4975	2073	85	48	37	28
6M420	4'	20'	16"	5936	1280	53	30	23	18
6M424	4'	24'	16"	6873	868	37	21	16	13
6M428	4'	28'	16"	7804	627	27	16	12	10
6M616	6'	16'	40"	6612	2195	91	52	40	30
6M620	6'	20'	40"	7976	1355	57	33	26	20
6M624	6'	24'	40"	9300	919	40	23	18	14
6M628	6'	28'	40"	9957	776	34	20	16	13
6M630	6'	30'	40"	10613	664	30	18	14	11
6M816	8'	16'	64"	8300	2168	91	52	40	31
6M820	8'	20'	64"	10068	1393	60	35	27	21
6M824	8'	24'	64"	1178	945	42	25	20	16
6M828	8'	28'	64"	12626	798	36	22	17	14
6M830	8'	30'	64"	13474	983	31	19	15	13
6M1016	10'	16'	76"	9989	1537	66	39	31	24
6M1020	10'	20'	76"	12160	1230	54	32	25	20
6M1024	10'	24'	76"	14257	960	43	26	21	17
6M1028	10'	28'	76"	15296	811	37	23	19	15
6M1030	10'	30'	76"	16335	694	33	20	17	14

Additional sizes are also available



## 6H Series

The 6H Series is designed from the 6M Series, providing users the extra depth needed for those tough, demanding projects while not sacrificing an inch of vertical pipe clearance!

Meant for use on jobs that require more depth than a 6M Series, the 6H Series fills the need. Designed for use with excavators within the 60,000 to 80,000 pound range. 6H Series shields use 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
6H416	4'	16'	16"	5598	2627	99	60	46	35
6H420	4'	20'	16"	6717	1774	73	41	32	24
6H424	4'	24'	16"	7812	1203	50	29	22	17
6H428	4'	28'	16"	8902	869	37	21	16	13
6H616	6'	16'	40"	7556	2824	99	66	50	38
6H620	6'	20'	40"	9161	1885	78	45	34	27
6H624	6'	24'	40"	10724	1279	54	31	24	19
6H628	6'	28'	40"	11501	1080	46	27	21	16
6H630	6'	30'	40"	12277	924	40	24	18	15
6H816	8'	16'	64"	9566	2387	99	57	44	34
6H820	8'	20'	64"	11656	1910	80	46	36	28
6H824	8'	24'	64"	13687	1317	57	33	26	20
6H828	8'	28'	64"	14696	1112	48	29	23	18
6H830	8'	30'	64"	15705	952	42	25	20	16
6H1016	10'	16'	76"	11576	2129	90	52	40	32
6H1020	10'	20'	76"	14151	1704	73	43	33	26
6H1024	10'	24'	76"	16651	1340	59	35	27	22
6H1028	10'	28'	76"	17891	1132	50	30	24	19
6H1030	10'	30'	76"	19132	968	44	27	21	17

Additional sizes are also available

\*PSF (pounds per square foot) ratings indicate maximum shield capacities. Depths are based on A, B, C and C-80 soil types as described in O.S.H.A.'s 29 CFR Part 1926 Subpart P, October 31, 1989 with Type A not exceeding 25 PSF per foot of depth, Type B not exceeding 45 PSF per foot of depth, Type C not exceeding 60 PSF per foot of depth and Type C-80 not exceeding 80 PSF per foot of depth. Determine actual soil pressure and consult manufacturers Tabulated Data prior to each use.