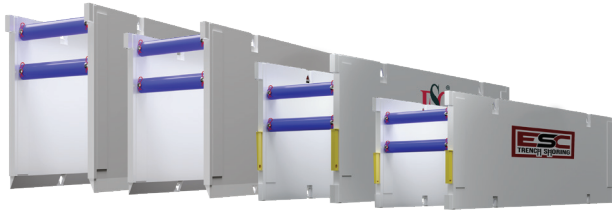


ESC 4" TRENCH SHIELDS SERIES



TECHNICAL SPECIFICATIONS								
SERIES	HEIGHT	WEIGHT	PIPE	LENGTH BETWEEN	SHIELD	MAX EXCAVATION DEPTH		
	BY LENGTH					PIPE	SPREADERS	CAPACITY
	H X L	(2 x panels)	CH	CL	psf	ft	ft	ft
	ft	lb	in	ft				
TSB4-410	4 x 10	2992	18	7'11"	4486	40	40	30
TSB4-412	4 x 12	3402	18	9'11"	2871	40	40	30
TSB4-416	4 x 16	4221	18	13'11"	1465	33	25	19
TSB4-420	4 x 20	5665	18	17'11"	1053	24	18	14
TSB4-610	6 X 10	4074	40	7'11"	3000	40	40	30
TSB4-612	6 x 12	4594	40	9'11"	2748	40	40	30
TSB4-616	6 x 16	5738	40	13'11"	1402	33	25	20
TSB4-620	6 x 20	7871	40	17'11"	1020	24	19	15
TSB4-810	8 x 10	4906	60	7'11"	2150	40	39	30
TSB4-812	8 x 12	5627	60	9'11"	1780	40	32	25
TSB4-816	8 x 16	7068	60	13'11"	1334	40	25	20
TSB4-820	8 x 20	9923	60	17'11"	971	24	19	15

- ✓ All 4' and 6' shields can be used as Extension Shields.
- ✓ Depth ratings include consideration of surcharge load of 72 psf.
- ✓ As per NAXSA recommendations, depth of cut has been limited to 40ft for types A, B and C60 soil, and 30ft for C80 soil regardless of the capacity of the shield. If deeper cuts are required, it is recommended that a professional engineer is engaged to evaluate the site and soil conditions and specify a suitable trench shield or other shoring solution.



TSX4-412	4 x 12	3300	16	9'11"	3470	40	40	30
TSX4-416	4 x 16	4100	16	13'11"	2156	40	34	26
TSX4-420	4 x 20	5000	16	17'11"	1814	38	29	21
TSX4-424	4 x 24	5800	16	21'11"	1158	24	18	13
TSX4-812	8 x 12	5800	64	9'11"	2592	40	40	30
TSX4-816	8 x 16	7200	64	13'11"	1643	34	26	19
TSX4-820	8 x 20	8700	64	17'11"	1234	25	19	14
TSX4-824	8 x 24	10100	64	21'11"	1204	24	18	14

- ✓ Knife edge or flat bottom
- ✓ 5th spreader collar



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