

A luminum Shields

Speed Shores Aluminum Trench Shields provide exceptional strength at minimal weight — as little as half the weight of comparable steel trench shields. These aluminum trench shields are specifically designed for municipalities, utility companies, plumbers and contractors who generally use a rubber-tired backhoe or light excavator. The comprehensive product line includes the popular Aluminum Panel Shield (APS) series as well as a wide variety of heavy-duty welded-construction models.

Available in a full range of sizes and configurations, Speed Shores aluminum trench shields offer the most complete array of standard features and options in the industry. Rugged steel lifting and pulling eyes, heavy-duty stacking sockets and foam-filled walls are just a few of the many features offered. A variety of spreader options are available, to include adjustable telescoping steel spreaders, hydraulic cylinders, and fixed-length static spreaders. The shields smooth exterior walls minimize pulling friction while preventing the accumulation of dirt and debris.

Ideal for utility maintenance and repair, pipeline bellholes, cable splice pits and light utility installations, Speed Shore aluminum trench shields offer the ultimate in lightweight, high-capacity trench shielding.



Aluminum Panel Shields Offer Superior Strength With Less Weight.

- **Aluminum Alloy Construction**
for exceptional high strength-to-weight ratios and superior corrosion resistance.
- **Narrow Double-Wall Panels**
minimize excavation width while maximizing interior work space.
- **Exclusive APS Extruded Panel**
offers unique 12-inch high extrusion for greater strength and wall height increments of 1 foot.
- **Foam-Filled Smooth Walls**
prevent accumulation of water, dirt and debris.
- **Adjustable Spreaders**
allow for rapid adjustment of shield width.
- **Heavy-Duty Lifting Lugs**
provide for rapid 4-point lifting of units.
- **Stacking Pockets**
provide solid interlock of stacked units for deeper applications.



SPEED  **SHORE**[®]
PIONEERING TRENCH SAFETY

A Aluminum Shield Specifications

Aluminum Panel Shields

MODEL	DIMENSIONS		PIPE CLEARANCE (In.)	WEIGHT (Lbs.)	SHIELD CAPACITY (Psf)	ALLOWABLE DEPTH (Ft.) by soil type **			
	H (Ft.)	L				A	B	C(60)	C
APS-0406	4	6	18	488	4190	50	50	50	50
APS-0408	4	8	18	586	2050	50	45	35	26
APS-0410	4	10	18	686	1210	46	27	21	16
APS-0412	4	12	18	786	800	30	18	14	11
APS-0414	4	14	18	884	570	21	13	10	8
APS-0416	4	16	18	984	420	15	10	8	6
APS-0606	6	6	30	698	2330	50	50	39	30
APS-0608	6	8	30	848	1750	50	39	30	25
APS-0610	6	10	30	996	1210	46	27	21	16
APS-0612	6	12	30	1142	800	30	18	14	11
APS-0614	6	14	30	1292	570	21	13	10	8
APS-0616	6	16	30	1434	420	15	10	8	6
APS-0806	8	6	36	920	1650	50	36	28	21
APS-0808	8	8	36	1114	1240	48	27	20	16
APS-0810	8	10	36	1306	990	38	21	16	13
APS-0812	8	12	36	1498	800	30	18	14	11
APS-0814	8	14	36	1692	570	21	13	10	8
APS-0816	8	16	36	1884	420	15	10	8	6

Note: Stacking Kits (Model No. APS-SB-04) are available, and include the 4 brackets and pins required for stacking two shields.

**Prior to use, refer to OSHA's 29 CFR, Part 1926 (subpart P) and Speed Shore's Tabulated Data for detailed explanation of soil types and product application. Type A soil not to exceed 25 Psf per foot of depth; Type B soil not to exceed 45 Psf per foot of depth; Type C(60) soil not to exceed 60 Psf per foot of depth; Type C soil not to exceed 80 Psf per foot of depth.

Note: Allowable depths are limited to 50 feet for practical purposes. Contact Speed Shore for applications exceeding posted allowable depths.

Adjustable Spreaders*

HEAVY-DUTY (For End Loading)

MODEL	OPERATING RANGE (Ins.)	WEIGHT (Lbs.)
SPRH-APS-036	26 - 36	214
SPRH-APS-048	32 - 48	260
SPRH-APS-060	40 - 60	318
SPRH-APS-072	48 - 72	600
SPRH-APS-096	60 - 96	758

STANDARD

MODEL	OPERATING RANGE (Ins.)	WEIGHT (Lbs.)
SPR-APS-036	26 - 36	164
SPR-APS-048	32 - 48	200
SPR-APS-060	40 - 60	246
SPR-APS-072	48 - 72	294
SPR-APS-096	60 - 96	364

*Includes 4 spreaders per set.

Aluminum Trench Shields (Welded Construction)

Available in a full range of sizes to accommodate your more challenging excavations, our welded-construction aluminum shields are P.E.-Certified. They have exceptional strength, and weigh half as much as comparable steel trench shields. Call for specifications.



Pioneer of the World's Most Advanced Trench Safety Systems



Shoring Shields* Vertical Shores Waler Systems Excavation Braces Modular Alum. Panel Systems Aluminum Trench Shields Steel Trench Shields Manhole Shields Manguard* Shields Slide-Rail Systems Mega-Shore* Systems Bedding Boxes

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