

Sandvick Equip SN:

812-4-20

4,055 Lbs.

Now add 15 Lbs. per spreader per foot of length for a total estimated weight.
230072420

SPEED SHORE®

PIONEERING TRENCH SAFETY

TABULATED DATA AND STACK TUBE CERTIFICATION

SERIAL NUMBER: 0-3144		MODEL: TS-0812TL4
HEIGHT = 8 feet	LENGTH = 12 feet	THICKNESS = 4 inches
MAXIMUM LATERAL EARTH PRESSURE = 1,531 pounds per square foot		

MAXIMUM DEPTH OF EXCAVATION		
O.S.H.A. Soil Type	Equivalent Weight Effect (p.c.f.)	Depth "H" (feet)
A	25	50
B	45	36
C	60	28
C	80	22
Spreader Size = 5 inch Schedule 80 Pipe / Maximum Spreader Length = 12 feet		

This shield is manufactured to meet the requirements of O.S.H.A. CFR 29, Part 1926, Subpart P. This shield must be used in a manner consistent with safe working procedures, Federal, State and local regulation and manufacturer's instructions. Contact manufacturer for any non-standard use of this trench shield.

GENERAL NOTES AND INSTRUCTIONS:

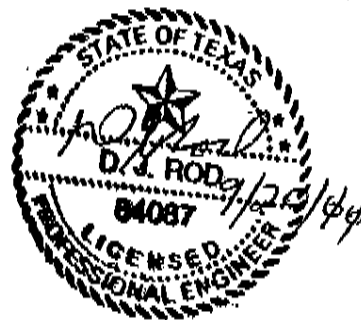
- Contractors must assign a "competent person", knowledgeable and capable of complying with all federal regulations, state and local laws and ordinances. NOTE: For copies of applicable federal or state laws contact: Dept. of Labor, Occupational Safety and Health Division.
- A "competent person", trained and experienced in the proper use of trench shields, safe excavation practices and soil classification methods must direct and control the use of this trench shield.
- This Tabulated Data applies to standard products manufactured exclusively by SPEED SHORE CORPORATION. This data complies with the requirements of federal O.S.H.A. CFR 29, Part 1926, Subpart P-Excavations. Information not found in this data shall be referenced by obtaining copies of the applicable Federal or State laws governing excavation.
- Modifications of this product shall be in writing and shall accompany this Tabulated Data sheet. Any modification not specifically allowed by SPEED SHORE CORPORATION voids this data.

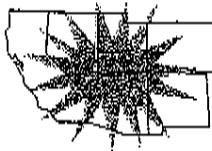
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SPEED SHORE CORPORATION

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Phone (713) 943-0750 Fax (713) 943-8483





TRENCH SHIELD TABULATED DATA

Mity Mite Manufacturing

A division of Sandvick Equipment & Supply Company
4020 South 15th Avenue • Phoenix, AZ 85041

(602) 276-0403 • FAX: (602) 243-6975 • 1-800-266-0403

MODEL: 812-3 SFAPS

SERIAL NO: 812-3-7

MAXIMUM LATERAL EARTH PRESSURE CAPACITY: 590 PSF **OPTIONAL SPREADER LOCATION:** NA PSF

TRENCH SHIELD SIZE: HEIGHT: 8 FT LENGTH: 12 FT WEIGHT: 2700 LBS

Horizontally clear between spreaders: 11 FT 2 IN Vertically clear under spreaders: 44 IN

THIS TRENCH BOX USES ONE TYPE OF THE FOLLOWING MATERIALS FOR SPREADERS

NA 8" schedule 80 pipe, maximum 20 feet long
BM660 TDBLKALI.WK4 SSSN 1-4049

USE 3 1/2" Sq.x3/16" tube steel telescopic
max. 8 ft; 5/16" wall fixed length max. 14 ft

LIMITATIONS IN USE TABLE

- 1 Trench shield to be assembled and installed in accordance with manufacturer's recommendations.
- 2 Soil above top of shield to be laid back according to OSHA regulations (see illustration below).
- 3 Additional shields may be stacked with no penalty in depth of cut. Shields must be pinned together.
- 4 Bottom of shield must not be more than 2 feet above the trench bottom in accordance with 29 CFR Part 1926.652 (g)(2) or CA OSHA TITLE 8.
- 5 Manufacturer must be contacted prior to performing alterations or modifications. Approval must be in writing.
- 6 It is advised to verify actual soils pressures prior to use. The pressures on your individual project may be more or less than the table to the right.
- 7 No soil is Type (A) if fissured, subject to vibration, previously disturbed or part of a sloped layers dip into excavation on a slope of four horizontal to one vertical (4H: 1V) or greater.

(continued on the back of this page)

MAXIMUM ALLOWABLE TRENCH SHIELD DEPTH PER SOIL TYPE (D) EXAMPLES:

If Type A...

24 ft

STIFF, COHESIVE SOILS:
CLAY SILTY CLAY, CLAY SANDY CLAY, CLAY LOAM,
EQ. FLUID PRESSURE = 25 PSF PER FT. (D).

If Type B...

15 ft

MEDIUM COHESIVE TO GRANULAR SOILS:
ANGULAR GRAVEL SILT, SILT LOAM, SAND LOAM,
EQ. FLUID PRESSURE = 45 PSF PER FT. (D).

If Type C-60...

12 ft

MOIST COHESIVE AND GRANULAR DENSE SOILS:
CLAY, SAND OR GRAVEL THAT IS UNSTABLE,
EQ. FLUID PRESSURE = 60 PSF PER FT. (D).

If Type C-80...

10 ft

VERY SOFT COHESIVE OR COHESIONLESS SANDS OR
GRAVELS, GROUND WATER, SUBMERGED SOILS,
SLOPE LAYERS MORE THAN 4H: 1V: EQ. FLUID
PRESSURE = 80 PSF PER FT. (D).

CERTIFIED BY:

MUST BE SIGNED AND DATED

* A 72 psf surcharge load is allowed in depth rating.

**SLOPE
ACCORDING TO
OSHA
REGULATION
1926.652 (b) (2)**

