

HT-STI-P3[®] Double-wall Underground Tanks



Highland Tank



HT-STI-P3[®] S2 Double-wall Tanks

The Highland HT-STI-P3[®] double-wall tank has a double steel shell with a space between the layers. This space can be easily monitored to detect an unlikely leak in either tank wall. The outer shell may cover 305° (97% of volume) or 360° (100 + % of volume).

Electronic and vacuum leak detection systems are available to trip visual and/or audible alarms in the event of an invasion of the interstitial space. The S2 double-wall tank includes the STI-P3[®] system of corrosion protection and is made to the

Underwriters Laboratories Standard for Dual Wall Underground Tanks, UL 58 (Type I or Type II) as specified. These tanks meet or exceed the requirements of Federal Regulations for underground tanks.

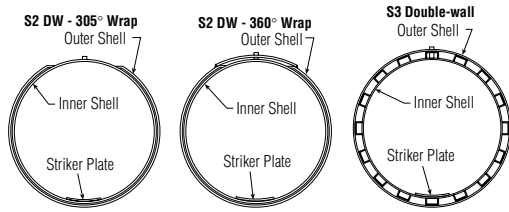
HT-STI-P3[®] S2 Double-wall Tanks

S3 double-wall tanks are available with steel structural standoffs between the walls for even greater strength.

Standard Features

- Pre-Engineered Proven Protection
- Individually engineered for 60" deep burial
- Minimum 1/2" overlap welded joints
- Continuous full-fillet exterior lap welds

Elevations

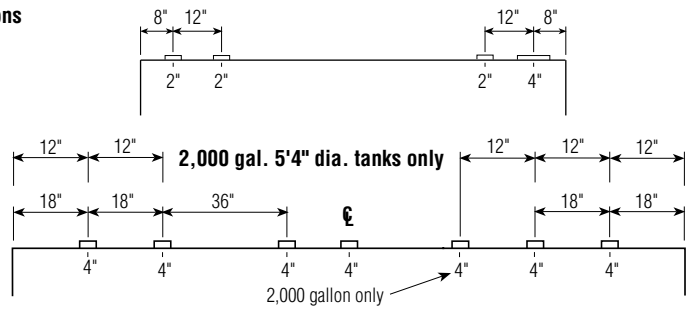


S2 = Steel/Steel, S3 = Steel/Structural/Steel

Fitting Locations

240 to 1,500 gal.

1,501 to 50,000 gal.



Capacity (Gallons)	Nominal Dimensions		Approx. Weight lbs.
	Diameter	Length	
240	3'2"	4'0"	690
300	3'2"	5'0"	780
300	3'2"	5'0"	870
500	4'0"	5'5"	1,055
500	4'0"	5'5"	1,235
1,000	4'0"	10'9"	2,020
1,000	4'0"	10'9"	2,305
1,000	5'4"	6'0"	2,535
1,500	5'4"	9'0"	2,780
2,000	5'4"	12'0"	3,455
2,500	5'4"	15'0"	4,120
3,000	5'4"	18'0"	4,780
4,000	5'4"	24'0"	6,115
4,000	6'0"	19'0"	6,940
4,000	8'0"	10'8"	6,655
5,000	6'0"	23'10"	8,630
5,000	8'0"	13'4"	7,765
6,000	6'0"	28'8"	9,995
6,000	8'0"	16'0"	8,820
8,000	8'0"	21'4"	10,960
8,000	10'0"	14'0"	11,250
10,000	8'0"	26'8"	13,110
10,000	10'0"	17'0"	13,895
12,000	8'0"	32'0"	15,255
12,000	10'0"	20'6"	15,840
15,000	8'0"	40'0"	21,440
15,000	10'0"	25'6"	20,930
20,000	10'0"	34'0"	26,840
20,000	10'6"	31'0"	26,485
25,000	10'6"	38'9"	35,740
30,000	10'6"	46'6"	41,695
40,000	12'0"	47'6"	50,730
50,000	12'0"	59'6"	59,805

* S3(Type II) Double-wall specifications may be different. Please consult manufacturer.

Recommended Guideline Specifications

The following items are the most critical elements that should be included in the Mechanical (HVAC) Specifications for Underground Storage Tanks.

Furnish and install a _____ gallon underground steel storage tank, _____ in diameter x _____ long and _____ thick with HT-STI-P3® corrosion control system and in conformance with Underwriters Laboratories' Standard 58. Tank construction shall be Highland;

- S3 Design incorporates min. 1½" structural standoffs.
- S2-360 Design using two steel walls -360° wrap.
- S2-305 Design using two steel walls -305° wrap.

The tank will have:

- a) Manhole _____ diameter with bolted and gasketed lid.
- b) Internal ladder with 2" x ¼" flat bar sides and ¾" diameter rungs 12" on center.
- c) _____ hold down straps with neoprene liner and turnbuckles (2 per strap).
- d) _____ threaded connections with dielectric bushings in each fitting. There shall be _____ 4", _____ 2" connections as located on drawing,
- e) _____ 150# flanges with dielectric isolation and spools. Flange sizes as follows: _____

- f) Striker plates required under each opening.
- g) Polyurethane coating per STI-P3® spec.

The corrosion control system shall be in strict accordance with STI-P3® specifications as applied by a licensee of the STEEL TANK INSTITUTE and shall have the STI-P3® limited 30 year warranty against failure due to exterior corrosion and internal corrosion when used with petroleum products or alcohols. Tank shall bear U.L. and STI-P3® labels.

Tank shall be manufactured by Highland Tank: Stoystown, PA; Manheim, PA; Watervliet, NY; Greensboro, NC; or Somersworth, NH.

Please visit us at www.highlandtank.com



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