



STEELCORETANK[®]

STORAGE TANK MANUFACTURING

- 10 & 20 YEAR WARRANTIES
- NFPA 22 COMPLIANT
- NSF-61 CERTIFIED LINERS
- WASTE WATER APPROVED EPA LINERS
- UP TO 2,000,000 GALLONS
- MEETS CA SEISMIC
- UP TO 165 MPH WIND AND 60 SPF

USES:

FIRE PROTECTION
DOMESTIC WATER
IRRIGATION
WASTE WATER
TEMPORARY STORAGE
SECONDARY CONTAINMENT
STORM WATER RETENTION

WWW.STEELCORETANK.COM



STEELCORETANK[®]

STORAGE TANK MANUFACTURING



WaterMark[®]

www.watermarkh2o.com 408-690-7581

Uses:

Fire Protection - NFPA 22 & NSF-61 compliant and each one includes an Anti-Vortex Assembly. Floor and wall penetrations are available and slabs are specifically engineered for your location.



Potable Water - From 5000 to 650,000 gallons. 10 to 20 year warranty based on the kind of liner you choose for your tanks.

Wastewater — Wastewater storage up to 650,000 gallons using an XR-3 or XR-5 liner depending on the chemical and bacterial content of that wastewater.



Rainwater & Stormwater - Rainwater and stormwater capture and retention has been making incredible bounds across the nation and indeed the globe.

Installation

We have hundreds of installations under our belt in the most active seismically active areas in California where the structural requirements surpass most places in the world. None of our tanks suffered any damage in the 2014 South Napa Quake. With Texas, Oklahoma, Colorado, and many Mid-Western and Western States now suffering seismic events due to injection wells, our knowledge and experience are what you need to face this new challenge.

All of our installers have been trained by us. No tank is built bearing our name unless we trained the installers, period. We have sent our training supervisors round the globe to instruct our dealers in the proper installation of our tanks. You can trust that any installation will be conducted to the highest standards and that prior to any installation one of our dealers will work with you to solve the problems that can arise beforehand should you need assistance.

Our manufacturing times are the best in the industry and we strive to streamline your shipping cost without sacrificing carrier quality or service.



Manufacturing

The industry standard is G90 Corrugated Steel, but at Steel Core we have raised the bar making G115 standard on all our tanks, with the ability to offer G140 upon request. Our steel is sourced from US Mills and has a minimum recycled content of 50%. We believe in sustainable sourcing without sacrificing strength or quality.

Our corrugated side-walls, or “rings” vary between 8 – 20 gauge galvanized steel with a tensile strength of up to 70 ksi (448 mpa)

Our corrugated side-walls have a standard G115 (350g/m²) galvanized coating that provide 27% more corrosion resistance than the G90 (275g/m²) industry standard.

Our unique corrugation has a hill and valley bolting system utilizing grade-8 allen head bolts with serrated nuts. This gives Steel Core Tanks additional strength to handle larger loads

Our “V-Rib” roof design uses 30% more roof ribs than any other manufacturer, providing unparalleled strength for smaller tanks without reinforced roof systems using a 2.5 inch rib depth for tanks under 37 feet in diameter. For tanks over 37 feet in diameter we use our “V-Rib” with a 4” rib depth or reinforced J-Ribs.

Our “J-Rib” roof design are panels manufactured with high quality galvanized steel with a 2.5 interlocking “J” channel that snaps easily into place reducing construction time. This style is ideal for tanks under 37 feet in diameter. Structured rafter systems are utilized with the J-Rib Roof on diameters of 55 feet and over.



Uses Cont.:



Ag, Mining & Fracking: Mining wastewater used usually treated to remove dissolved metals and organic and inorganic pollutants. Initially this takes place in large “settling” tanks. For this purpose Steel Core manufactures **Temporary Storage Tanks** in capacities up to 2,000,000 gallons. Once the solids have settled the wastewater then goes through further treatment involving removal of residual chemicals and organic-inorganics associated with the particular types of mining that water is derived from. Steel Core offers a wide variety of holding tanks for these processes with “specialty” liners to handle the caustic substance present in this kind of wastewater.



SteelCore Corrugated Steel Water Storage Tanks

SteelCore high quality galvanized steel tanks receive the proven protection of G115 hot-dipped galvanized coating system. (6 feet to 74feet) with capacities in excess of 2,000,000 gallons. All **SteelCore** tanks use the most recent in liner and pre-liner technology and are considered the best in corrosion resistance. Made in the USA

- **G115 Hot dipped galvanized steel to ensure longest tank life possible.**
- **Meets or exceeds NSF61, NFPA22, CBC2013/2016, ACE#7 and AWWA, for all storage tank applications.**
- **All SteelCore tanks NSTI provides are built to exact factory specifications for quality.**
- **Galvanized Steel and Victaulic Groove tank fittings available.**
- **High Mil liner technology insures low liquid to metal contact.**
- **Up to 20 Year conditional prorated manufactures warranty.**
- **Multiple Liners available for domestic and waste water uses.**
- **Erected by factory trained installers.**

Common Uses:

Fire Suppression, Domestic Water, Temporary Storage, Brine, Secondary Containment, Domestic Water, Rain Harvesting, Irrigation Water, Storm Water Control, Waste Water, Winery Waste Water and more.



Powder Coating



State of the art is a term that is thrown around fast and loose in many industries, but not at Steel Core. Our Powder Coating Facility truly is “State of the Art” from our ventilation systems that ensures worker safety, to our over-spray capture & recycling system to ensure wastage is kept to a minimum and a maximum amount of product is utilized. In fact we powder coat machinery and parts for some of the largest agricultural machinery manufacturers in the world.

Our fully automated paint line is a ¼ mile long. There are 3 phases of washing that take place, and then 2 phases of acid treatments with 3 additional phases of drying before the steel ever gets to the paint bays.

The powder is applied and then the line takes the powder coated steel to the second story ovens. By having our ovens on the second story this allows our facility to remain at a comfortable temperature for our val-

Wood Wrapped

Wrapping a tank in wood can be an elegant solution to a visual problem, while still maintaining the integrity of the natural surroundings. Wood wrapped tanks allow for the majority of the tank surface to be covered with a material that is typically complimentary to its location. A tank wrapped with redwood boards is an excellent alternative to replacing an old style "redwood tank". When one considers the depth of palette in terms of wood available the possibilities become endless.

For those wanting to incorporate recycled materials where possible in a design, 100% recycled plastic boards make an choice to keep a project green, and they come in a wide variety of colors.



SteelCore Tank Models and Sizes

Model	Diameter	Eve Height	Peak Height	Gallons
SCT-601-FP	6.19	3.60	5.15	722
SCT-602-FP	6.19	7.17	8.69	1,518
SCT-603-FP	6.19	10.70	12.22	2,315
SCT-604-FP	6.19	14.24	15.90	3,111
SCT-605-FP	6.19	17.77	19.29	3,908
SCT-606-FP	6.19	21.31	22.82	4,704
SCT-901-FP	9.28	3.63	6.03	1,624
SCT-902-FP	9.28	7.17	9.56	3,416
SCT-903-FP	9.28	10.70	13.09	5,208
SCT-904-FP	9.28	14.24	16.64	7,000
SCT-905-FP	9.28	17.77	20.17	8,792
SCT-906-FP	9.28	21.31	23.70	10,585
SCT-1201-LVR	12.38	3.63	5.29	2,886
SCT-1202-LVR	12.38	7.17	8.82	6,072
SCT-1203-LVR	12.38	10.70	12.37	9,259
SCT-1204-LVR	12.38	14.24	15.90	12,445
SCT-1205-LVR	12.38	17.77	19.43	15,631
SCT-1206-LVR	12.38	21.31	22.97	18,817
SCT-1201-VR	12.38	3.63	7.54	2,886
SCT-1202-VR	12.38	7.17	11.07	6,072
SCT-1203-VR	12.38	10.70	14.61	9,259
SCT-1204-VR	12.38	14.24	18.15	12,445
SCT-1205-VR	12.38	17.77	21.59	15,631
SCT-1206-VR	12.38	21.31	25.22	18,817
SCT-1501-LVR	15.47	3.63	5.57	4,510
SCT-1502-LVR	15.47	7.17	9.10	9,488
SCT-1503-LVR	15.47	10.70	12.64	14,467
SCT-1504-LVR	15.47	14.24	16.18	19,445
SCT-1505-LVR	15.47	17.77	19.71	24,423
SCT-1506-LVR	15.47	21.31	23.24	29,402
SCT-1501-VR	15.47	3.63	8.01	2,451
SCT-1502-VR	15.47	7.17	11.54	9,488
SCT-1503-VR	15.47	10.70	15.08	14,467
SCT-1504-VR	15.47	14.24	18.65	19,445
SCT-1505-VR	15.47	17.77	22.16	24,423
SCT-1506-VR	15.47	21.31	25.69	29,402
SCT-1801-LVR	18.56	3.63	5.84	6,494
SCT-1802-LVR	18.56	7.17	9.38	13,663
SCT-1803-LVR	18.56	10.70	12.91	20,832
SCT-1804-LVR	18.56	14.24	16.45	28,001
SCT-1805-LVR	18.56	17.77	19.98	35,170
SCT-1806-LVR	18.56	21.31	23.52	42,339
SCT-1801-VR	18.56	3.63	5.89	6,494

SteelCore Tank Models and Sizes

Model	Diameter	Eve Height	Peak Height	Gallons
SCT-1802-VR	18.56	7.17	12.43	13,663
SCT-1803-VR	18.56	10.70	15.99	20,832
SCT-1804-VR	18.56	14.24	19.50	28,001
SCT-1805-VR	18.56	17.77	23.19	35,170
SCT-1806-VR	18.56	21.31	26.57	42,339
SCT-2101-LVR	21.66	3.63	6.11	8,839
SCT-2102-LVR	21.66	7.17	9.65	18,597
SCT-2103-LVR	21.66	10.70	13.19	28,355
SCT-2104-LVR	21.66	14.24	16.72	38,112
SCT-2105-LVR	21.66	17.77	19.83	47,870
SCT-2106-LVR	21.66	21.31	27.46	57,627
SCT-2101-VR	21.66	3.63	9.78	8,839
SCT-2102-VR	21.66	7.17	13.32	18,597
SCT-2103-VR	21.66	10.70	16.85	28,355
SCT-2104-VR	21.66	14.24	20.39	38,112
SCT-2105-VR	21.66	17.77	23.93	47,870
SCT-2106-VR	21.66	21.31	27.46	57,627
SCT-2401-LVR	24.75	3.63	6.39	11,545
SCT-2402-LVR	24.75	7.17	9.93	24,290
SCT-2403-LVR	24.75	10.70	13.46	37,035
SCT-2404-LVR	24.75	14.24	17	49,779
SCT-2405-LVR	24.75	17.77	20.53	62,524
SCT-2406-LVR	24.75	21.31	24.06	75,268
SCT-2401-VR	24.75	3.63	10.69	11,545
SCT-2402-VR	24.75	7.17	14.23	24,290
SCT-2403-VR	24.75	10.70	17.76	37,035
SCT-2404-VR	24.75	14.24	21.30	49,779
SCT-2405-VR	24.75	17.77	24.83	62,524
SCT-2406-VR	24.75	21.31	28.36	75,268
SCT-2701-LVR	27.84	3.63	6.66	14,612
SCT-2702-LVR	27.84	7.17	10.20	30,742
SCT-2703-LVR	27.84	10.70	13.73	49,872
SCT-2704-LVR	27.84	14.24	17.26	63,002
SCT-2705-LVR	27.84	17.77	20.80	79,132
SCT-2706-LVR	27.84	21.31	23.92	95,262
SCT-2701-VR	27.84	3.63	11.58	14,612
SCT-2702-VR	27.84	7.17	15.13	30,742
SCT-2703-VR	27.84	10.70	18.66	49,872
SCT-2704-VR	27.84	14.24	22.20	63,002

Fasteners & Accessories

For years the industry standard was Stainless Steel Bolts, and while the idea of "Stainless Steel is in theory a good one there is one problem:

Stainless Steel and Galvanized Steel are incompatible metals and incompatible metals cause corrosion. The washers were also Stainless Steel compounding the problem.

Additionally the bolt heads were "half-slotted" and that made fitting the driver into the slot problematic sometimes causing slipping and driver bits gouging hands.

We use 1.5 inch Grade-8 Galvanized Bolts with Cone Washers to grab and snug against any hole. We also use Grade-8 Galvanized Serrated Nuts for greater grab upon the G115 Steel Panels. All our bolt heads utilize "Allen" Drivers for greater grab & safety.



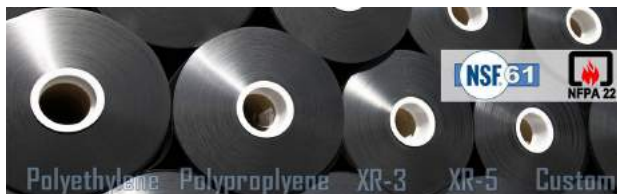
Liners

30 Mil. - Unequaled mechanical strength, tear and puncture resistance due to our proprietary layered construction • Low unit weight and superior seaming allows for construction of large prefabricated panels • Environmentally responsible recovery and recycling program • Puncture, abrasion and chemical resistant construction with a high strength HDPE woven core that provides superior dimensional stability • Outstanding UV, ozone & oxidation resistance • Non-toxic, no PVC or other hazardous materials used in construction of fabric • Low water vapor permeance.

45 Mil. - The PP-45 liner has many benefits, which makes it an excellent choice. It is made from reinforced polypropylene, popular for jobs requiring a very stout containment membrane, 45 mils of reinforced thickness, durable and long lasting, can easily do it's job for 25 years or longer, single scrim, low temperature cold crack at -50F, and hydrostatic resistance up to 450 PSI.

XR-3 - A lighter-duty geomembrane, XR-3 is perfect for applications that require moderate chemical resistance and strength. Backed by over 60 years of leading fabric technology, XR-3 uses the same base technology found in XR-5. This versatile and economical fabric can commonly be found in municipal wastewater and stormwater runoff applications. It is UV-Resistant, has moderate chemical resistance, and a 10 year weathering warranty.

XR-5 - XR-5 has been used by engineers who have needed the strongest geomembrane for use in the world's harshest conditions. Backed by over 60 years of coated fabric technology, XR-5 is the highest-strength and most chemically resistant geomembrane on the market. XR-5 was developed to contain and protect against acids, oils, methane and alkalis. Across the world, XR-5 is being used for pond liners, secondary containment, floating covers, corrugated tanks and wastewater baffles.



SteelCore Tank Models and Sizes

Model	Diameter	Eve Height	Peak Height	Gallons
SCT-2705-VR	27.84	17.77	25.73	79,132
SCT-2706-VR	27.84	21.31	29.18	95,262
SCT-3001-LVR	30.94	3.63	6.89	18,039
SCT-3002-LVR	30.94	7.17	10.44	37,953
SCT-3003-LVR	30.94	10.70	13.96	57,866
SCT-3004-LVR	30.94	14.24	17.50	77,780
SCT-3005-LVR	30.94	17.77	21.03	97,693
SCT-3006-LVR	30.94	21.31	24.57	117,607
SCT-3001-VR	30.94	3.63	12.50	18,039
SCT-3002-VR	30.94	7.17	16.03	37,953
SCT-3003-VR	30.94	10.70	19.57	57,866
SCT-3004-VR	30.94	14.24	23.01	77,780
SCT-3005-VR	30.94	17.77	26.54	97,693
SCT-3006-VR	30.94	21.31	30.18	117,607
SCT-3401-LVR	34.03	3.63	7.17	21,828
SCT-3402-LVR	34.03	7.17	10.70	45,923
SCT-3403-LVR	34.03	10.70	14.23	70,018
SCT-3404-LVR	34.03	14.29	23.99	94,114
SCT-3405-LVR	34.03	17.77	21.31	118,209
SCT-3406-LVR	34.03	21.31	24.84	142,304
SCT-3401-VR	34.03	3.63	13.38	21,828
SCT-3402-VR	34.03	7.17	16.92	45,923
SCT-3403-VR	34.03	10.70	20.35	70,018
SCT-3404-VR	34.03	14.29	23.99	94,114
SCT-3405-VR	34.03	17.77	27.52	118,209
SCT-3406-VR	34.03	21.31	31.05	142,304
SCT-3701-LVR	37.13	3.63	7.47	25,977
SCT-3702-LVR	37.13	7.17	11.01	54,652
SCT-3703-LVR	37.13	10.70	14.54	83,328
SCT-3704-LVR	37.13	14.24	18.08	112,003
SCT-3705-LVR	37.13	17.77	21.61	140,679
SCT-3706-LVR	37.13	21.31	24.73	169,354
SCT-3701-VR	37.13	3.63	14.31	25,977
SCT-3702-VR	37.13	7.17	17.76	54,652
SCT-3703-VR	37.13	10.70	21.39	83,328
SCT-3704-VR	37.13	14.24	24.93	112,003
SCT-3705-VR	37.13	17.77	28.46	140,679
SCT-3706-VR	37.13	21.31	31.99	169,354
SCT-4301-LVR	43.31	3.63	8.31	35,357
SCT-4302-LVR	43.31	7.17	11.85	74,388
SCT-4303-LVR	43.31	10.70	15.39	113,418
SCT-4304-LVR	43.31	14.24	18.93	152,449

SteelCore Tank Models and Sizes

Model	Diameter	Eve Height	Peak Height	Gallons
SCT-4305-VR	43.31	17.77	30.40	191,479
SCT-4306-VR	43.31	21.31	33.94	230,510
SCT-4901-LVR	49.50	3.63	8.85	46,181
SCT-4902-LVR	49.50	7.17	12.40	97,159
SCT-4903-LVR	49.50	10.70	15.93	148,138
SCT-4904-LVR	49.50	14.24	19.47	199,117
SCT-4905-LVR	49.50	17.77	23.00	250,095
SCT-4906-LVR	49.50	21.31	26.54	301,074
SCT-4901-VR	49.50	3.63	18.04	46,181
SCT-4902-VR	49.50	7.17	21.49	97,159
SCT-4903-VR	49.50	10.70	25.02	148,138
SCT-4904-VR	49.50	14.24	28.55	199,117
SCT-4905-VR	49.50	17.77	32.19	250,095
SCT-4906-VR	49.50	21.31	35.72	301,074
SCT-5501-LJR	55.69	3.63	8.83	45,546
SCT-5502-LJR	55.69	7.17	12.36	110,069
SCT-5503-LJR	55.69	10.70	15.90	174,403
SCT-5504-LJR	55.69	14.24	19.44	238,926
SCT-5505-LJR	55.69	17.77	22.97	303,259
SCT-5506-LJR	55.69	21.31	26.51	367,783
SCT-5501-JR	55.69	3.63	18.05	45,546
SCT-5502-JR	55.69	7.17	22.11	110,069
SCT-5503-JR	55.69	10.70	25.65	174,403
SCT-5504-JR	55.69	14.24	29.19	238,926
SCT-5505-JR	55.69	17.77	32.72	303,259
SCT-5506-JR	55.69	21.31	36.25	367,783
SCT-6101-LJR	61.87	3.63	9.38	54,352
SCT-6102-LJR	61.87	7.17	12.91	134,006
SCT-6103-LJR	61.87	10.70	16.45	213,315
SCT-6104-LJR	61.87	14.24	19.98	293,315



SteelCore Tank Models and Sizes

Model	Diameter	Eve Height	Peak Height	Gallons
SCT-6105-LJR	61.87	17.77	23.52	372,969
SCT-6106-LJR	61.87	21.31	27.05	452,623
SCT-6101-JR	61.87	3.63	20.36	54,352
SCT-6102-JR	61.87	7.17	23.90	134,006
SCT-6103-JR	61.87	10.70	27.44	213,661
SCT-6104-JR	61.87	14.24	30.97	293,315
SCT-6105-JR	61.87	17.77	34.50	372,969
SCT-6106-JR	61.87	21.31	38.04	452,623
SCT-7401-LJR	74.25	3.63	10.47	78,267
SCT-7402-LJR	74.25	7.17	14.00	192,969
SCT-7403-LJR	74.25	10.70	17.54	307,671
SCT-7404-LJR	74.25	14.24	21.07	422,373
SCT-7405-LJR	74.25	17.77	24.60	537,075
SCT-7406-LJR	74.25	21.31	28.15	651,777
SCT-7401-JR	74.25	3.63	23.96	78,267
SCT-7402-JR	74.25	7.17	27.49	192,969
SCT-7403-JR	74.25	10.70	31.03	307,671
SCT-7404-JR	74.25	14.24	34.56	422,373
SCT-7405-JR	74.25	17.77	38.09	537,075
SCT-7406-JR	74.25	21.31	41.06	651,777

