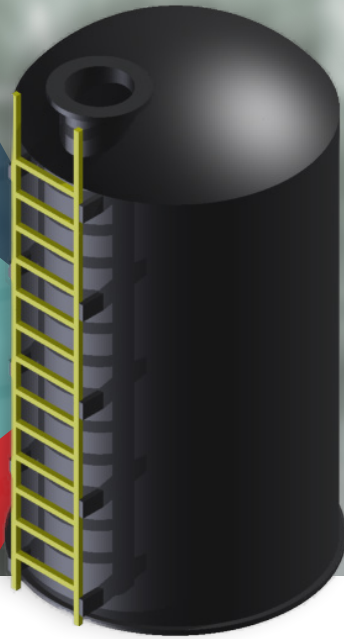


Spirolite™

ABOVE GRADE TANKS, FITTINGS AND STRUCTURES



Spirolite™ above grade tanks, fittings and structures can be produced in a wide variety of configurations to meet your specific system requirements. All fabrications are manufactured in-house by skilled technicians to the same stringent quality standards as Spirolite™ Pipe.

SPIROLITE'S™ FEATURES INCLUDE:

- Larger Riser and Stub Out Diameter Range
- High Quality Stress Rated Resin with No Filler or Post-Consumer Resins
- Chemical and Corrosion Resistant
- Impact Resistant, Tough and Durable
- Long Service Life
- Leak Tight
- Light Weight
- One-Piece Construction
- Easy to Install
- Variety of Popular Joining Methods
- Every Order Made to Your Specifications



AGRICULTURE



BEVERAGE



CHEMICAL



COSMETIC



DRUG



INDUSTRIAL



MEAT PACKING



METALLURGICAL



MINING



MUNICIPAL



PETROLEUM



PHARMACEUTICALS



PICKLING



PLATING



PULP AND PAPER



TEXTILE



TRANSPORTATION



WASTE TREATMENT

SPIROLITE™ OPTIONS

- Single and Dual Wall Configurations
- Riser Sizes Up to 120" in Diameter
- Stub and Lateral Sizes from 1/2" to 120" Diameter
- Stub Out Joining Options: Plain Ends or Flange Adapters with Backup Rings
- Top Configuration Options: Open Tops/Flat Tops/Gusseted Flat Tops
- Manways
- Fiberglass Ladders
- Internal Piping
- Guide Rail/Dissimilar Piping/Grate Mounting Brackets for 3rd Party Appurtenances
- Lifting Lugs

BENEFITS

Manufactured using the unique Spirolite™ production process using bimodal high density PE4710/PE100 resin, Spirolite™ tanks offer the perfect combination of extra high strength and affordability.

Corrosion Resistance - Spirolite™ HDPE is resistant to most industrial chemicals at ambient temperatures

Lightweight Spirolite™ HDPE requires less material-handling capacity than metals and concrete structures of equal size.

Durable – containing 2% carbon black, Spirolite™ HDPE tanks are fully-resistant to ultraviolet (UV) degradation. They never need painting, and are resistant to abrasion and exterior corrosion.

Flat bottoms and strong, weight-carrying tops are fully welded to heavy wall shells. Manways and nozzles are installed per customer requirements.

Spirolite™ HDPE tanks are available either vertical or horizontal up to 120" inside diameter

Spirolite™ HDPE is hydrophobic with excellent non-stick properties making tanks and structures easy to clean

Applications include storage of finished products, water treatment chemicals, water, fertilizer, corrosive industrial chemicals, and waste fluids. Hydrocarbon content should not exceed 2% concentration.

CHEMICAL AND CORROSION RESISTANT

Most chemicals which attack other products will not harm Spirolite™ tanks. They resist over 700 chemicals in various combinations and concentrations, and under different temperature conditions. Only certain solvents, aromatic hydrocarbons, phenolics, chlorinated hydrocarbons, fats, and some oils have any effect on these tanks. Spirolite™ tanks will not rust or decay and they are not subject to electrolytic or galvanic corrosion.

LONG LASTING AND MAINTENANCE FREE

Harsh environmental conditions and the degrading effects of ultraviolet rays will not affect Spirolite™ tanks. They are built to last. They will not rot or discolor and require no painting.

TOUGH AND STRONG

Rugged Spirolite™ tanks are made from high-density, high-molecular weight polyethylene (HDPE) using a resin tailored to produce tanks that are tough, strong, and reliable. Spirolite™ tanks are manufactured using an exclusive process by which a specially designed extrusion is continuously wound upon a mandrel. Heat fusion techniques create homogeneous bonds that are permanent, reliable, and completely leak proof. Spirolite™ tanks are practically shatterproof.

VARIETY OF FITTINGS AND ACCESSORIES

A wide variety of fittings and accessories including flanged inlets and outlets, vents, valves, sight glasses, and float gauges are available with Spirolite™ tanks. Custom equipped interiors may also be provided on special order.

RANGE OF SIZES

Standard Spirolite™ tanks are offered in a range of capacities from 315 to 10,000 gallons. Non-standard sizes are available on special order.

EASILY CLEANED

Smooth, non-wetting surfaces minimize the possibility of substances adhering to the interior of Spirolite™ tanks. It's easy to clean them and easy to change contents. And because they can be refilled quickly, fewer storage tanks are needed. Fewer tanks and efficient utilization saves you money.

NON-TOXIC AND NON-ABSORBENT

These tanks will not contaminate their contents nor will the contents react with the tank. They are practically free from taste or odor and will not promote algae or bacterial growth. They also have good flavor retention and barrier properties.

ABRASION RESISTANT

In many applications, Spirolite™ tanks are 4 to 6 times more abrasion resistant than steel. This product is suited for handling slurry solutions that require agitation.

LIGHT WEIGHT

Spirolite™ tanks are significantly lighter than tanks made of traditional materials. Their light makes them easier to install. Spirolite™ tanks require no expensive structural alterations or special handling equipment. Light weight also means reduced shipping and transportation costs.

