

Whether you're looking for a below ground septic or cistern tank or an above ground water tank, you're sure to find it among our wide selection. The rotational molding process allows for a one-piece, seamless tank that is rugged and impact resistant. Our tanks are manufactured to strict quality guidelines to ensure years of high-performance use.

Quality, price, product line and leading edge technology make NORWESCO North America's largest manufacturer of rotationally molded tanks.

Norwesco Polyethylene Septic Tanks

The world's leading manufacturer of polyethylene tanks, NORWESCO has been producing polyethylene septic tanks since 1980. With that kind of experience, NORWESCO offers you proven products that you can count on for years of dependable, trouble-free service. NORWESCO septic tanks are backed by a full three-year warranty and have been approved by state and local health departments from coast to coast. Where applicable, NORWESCO septic tanks have been approved by both IAPMO™ and CSA™.

Please consider the following features when you are looking to purchase a septic tank and you'll find that NORWESCO tanks will exceed your expectations when it comes to performance and longevity.

Ease of Installation

For septic system replacement and new home construction, NORWESCO's polyethylene septic tanks are designed for durability and quick, easy installation. Any NORWESCO septic tank can be transported to the job site in a pickup truck and carried by just two people. This enables you to install the tank on your schedule.

Rotationally Molded, One-Piece Construction

NORWESCO septic tanks are manufactured by means of the rotational molding process which produces a one-piece, seamless, watertight tank.

Superior Strength Design

The rib design and rib placement provide superior structural integrity to the tank.

Excellent Chemical Resistance

Polyethylene is unaffected by soil chemicals and by the chemicals and gases present in sewage, so NORWESCO septic tanks will not rust or corrode and require no additional coatings as other tanks do. NORWESCO's strict quality guidelines ensure an environmentally safe septic tank.

Single or Double Compartment

Our 750, 1000, 1250 and 1500 gallon tanks are available as single compartment or double compartment tanks (2/3 - 1/3). Prior to installing any septic tank, you should check with your local health department for specific requirements that your county or state may enforce.

Pre-Plumbed / Ready for Installation

NORWESCO septic tanks (750 gallons and larger) are shipped to you ready for installation. Our pre-plumbed tanks include tee assemblies installed at the inlet and outlet. Tees are sized/cut according to each state code so the tank that you receive will be ready for installation.

Watertight Lid

NORWESCO septic tanks come outfitted with a domed lid. This improved design is significantly stronger than other lid designs. When leaving our factory, the lid is attached to the tank with stainless steel screws and comes standard with a foamed, polyethylene gasket between the lid and the tank. The gasket provides a watertight seal at the lid area.



Pre-plumbed at inlet and outlet.

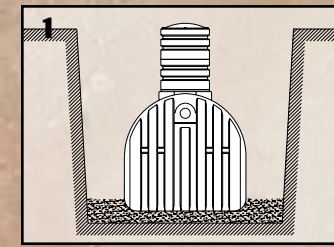


Standard polyethylene gasket makes domed lid watertight.

Accessories Available

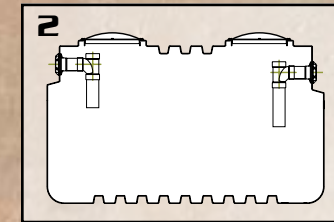
Manhole extensions and lid-riser combinations are available to bring tank access to grade and to meet code specifications.

Underground Tank Installation Instructions



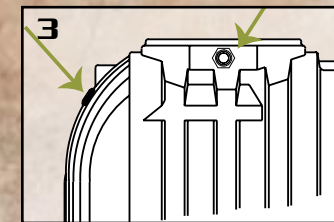
1. Excavation

- Excavate to a depth that will provide a minimum of 6" and a maximum of 30" of cover over the top of the tank. This will avoid collapse and over-expansion of the tank and possible leakage.
- Allow 18" to 24" on both sides and both ends of the tank. Failure to comply with allowance ranges could cause tank collapse.
- Bed the tank in well-packed sand – 6" minimum in soil terrain, 12" minimum in rock terrain. The tank should be installed level.



2. Septic and Bruiser Tank Inlet/Outlet Connections

- Septic tanks and blue BRUISER tanks are supplied with PVC sanitary tees and adapters at the inlet and outlet.
- The PVC adapter has two sockets for use with either 4" schedule 40 pipe or 4" SDR 35 pipe.
- Inlet and outlet piping should be solvent welded to the adapters using standard PVC cement.

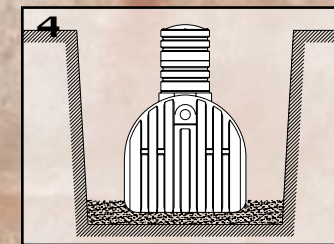


3. Water Tank Connections

- Install bulkhead fittings in either side of manway or end rib as shown.
- Tank must be vented.
- For water-tight seal, lid should be sealed with silicone caulking. Re-use stainless steel screws supplied with lid.

4. Manhole Extensions

- Install manhole extension before you backfill.
- Manhole extensions are supplied with gaskets and screws. Re-use the lid gasket and screws to attach the lid at the top of the manhole extension.
- Note the direction of flow. The inlet is higher than the outlet.

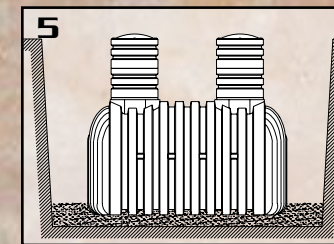


5. Backfilling Exterior

- CAUTION: Fill tank with water as your backfill, keeping water level even with backfill level as you go to prevent possible collapse.
- Backfill with 12" layers and compact each layer. ALWAYS COMPACT ENDS FIRST.
- Tamp and compact backfill under inlet and outlet pipes.
- Maximum backfill over the top of the tank is 30". Mound soil over the top to provide positive drainage.

6. Backfill Materials

- The preferred material for backfill surrounding and covering the tank is a sand/gravel mixture as described below. For blue BRUISER tanks and white cistern tanks, native soil may be used for backfill and those tanks may be left empty while backfilling. For yellow and black septic tanks, the sand/gravel mixture is required and the tanks must be filled with water during the backfilling process. BRUISER tanks and cistern tanks should be filled one-fourth full as soon as practical after installation.
- The sand/gravel mixture should be a mixture of sand and gravel, 100% smaller than 1/2", and about 50% smaller than 1/4".
- All fill should be free of any wood, masonry debris, silt or clay.



For septic installations, it is important to contact your local or state sanitarian regarding approved installation procedures.

CAUTION - Failure to comply with the points below voids warranty.

- Do not install any tank in water saturated clay or in high water table. The tank may collapse and its contents will escape.
- Tanks are not fire-resistant. Do not store them near an open flame or heat in excess of 180°F.
- Do not install any tank under the path of vehicles or heavy equipment.
- If a yellow or black septic tank is pumped for normal maintenance, it should be refilled immediately. If a blue BRUISER tank or a white cistern tank is pumped empty, it should be immediately refilled to one-fourth of capacity. Spherical 300 and 500 gallon tanks may be left empty.
- Norwesco yellow and black septic tanks, blue BRUISER tanks, and cistern tanks are designed only for use as underground tanks.
- Norwesco yellow or black septic tanks, with the exception of the 300 and 500 gallon spherical tanks, cannot be used as holding tanks or pump tanks because the tank may collapse if it is left empty underground. *Blue BRUISER tanks, white cistern tanks, and 300 or 500 gallon spherical tanks can be used for holding or pumping applications where permitted by local codes.*
- White cistern tanks and blue BRUISER tanks are made of resins that meet FDA specifications for the storage of drinking water and can be used for that application. Yellow septic tanks and black septic tanks must not be used for drinking water.
- Protect the tank from sharp objects which could puncture it and cause leakage.

Norwesco advises against the use of a plastic underground tank for ANY other uses! Such uses would void any Norwesco product warranty either stated or implied. In no event shall Norwesco be held liable for any consequential damages.