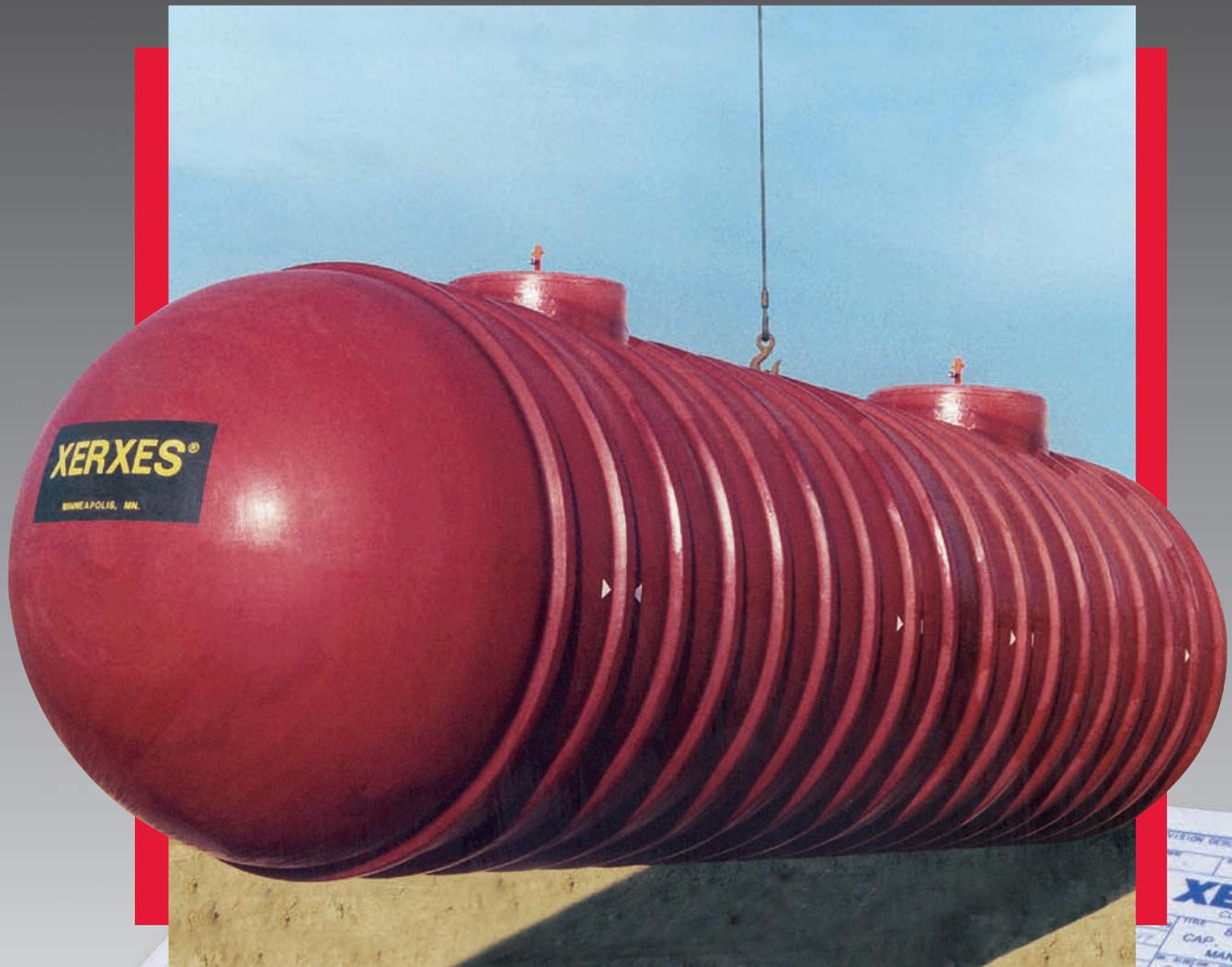
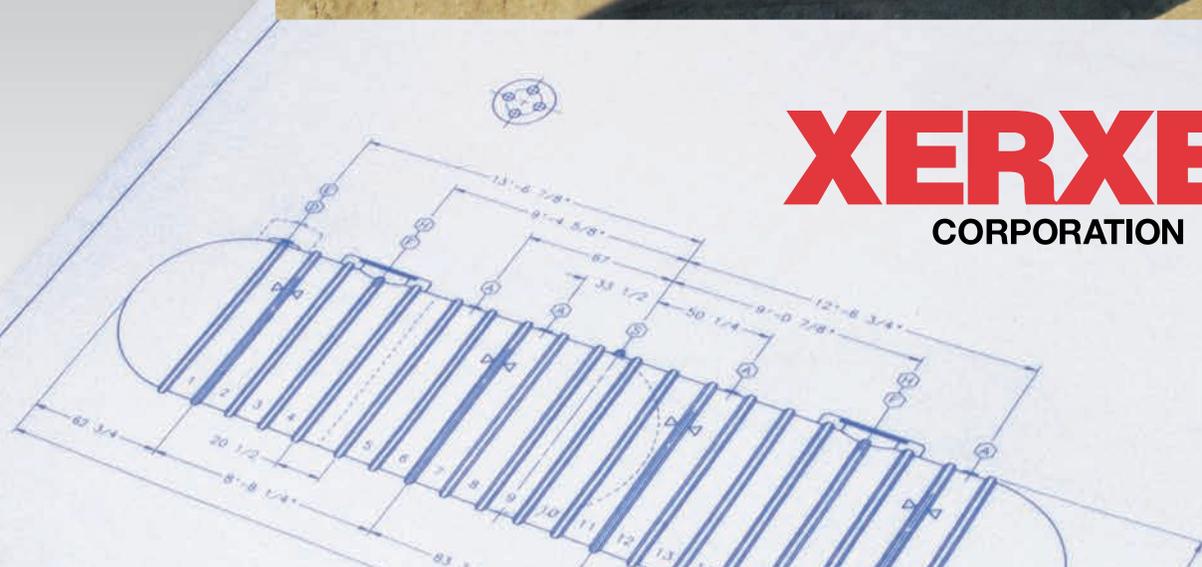


Multicompartment Fiberglass Underground Storage Tanks



SYSTEM DESCRIPTION			
NO.	SIZE	TYPE	DATE
XERXES CORPORATION			
TYPE 8" DIA. DWI-11 MCT			
CAP. 6,000 x 5,000 GAL			
MANWAY & T.W.F. IS			
C 510-822.00			
REV. 1 OF 1			



XERXES[®]
CORPORATION

Xerxes Multicompartment Tanks

A superior choice for multiple storage needs

Whether a customer needs two tanks in one, or three tanks in one, the Xerxes multicompartment fiberglass underground storage tank offers a superior option for the storage of more than one product at one site. Each Xerxes multicompartment tank is customized to meet a customer's specific needs for underground storage of multiple products in separate compartments.

The benefits of a fiberglass tank

Since the early 1970s, the advantages of fiberglass underground tanks have been proven over and over again. Long used for petroleum storage, fiberglass tanks today account for an estimated 95 percent of all underground tank purchases by major oil companies. When choosing a Xerxes fiberglass tank, a customer receives many benefits:

- A Xerxes fiberglass reinforced plastic (FRP) tank is manufactured of high-quality resin and glass.
- With its unique integral-rib design, a Xerxes tank is structurally strong.
- Xerxes tanks can be equipped with a variety of fitting and accessory options to accommodate specific site requirements.
- A Xerxes tank offers protection against both external and internal corrosion without the need for ongoing corrosion monitoring.
- A fiberglass tank is lightweight, thus easier to ship and easier to install than steel tanks.
- A Xerxes multicompartment tank for storage of petroleum products is backed by a 30-year limited warranty.

A popular choice for retail fuel storage

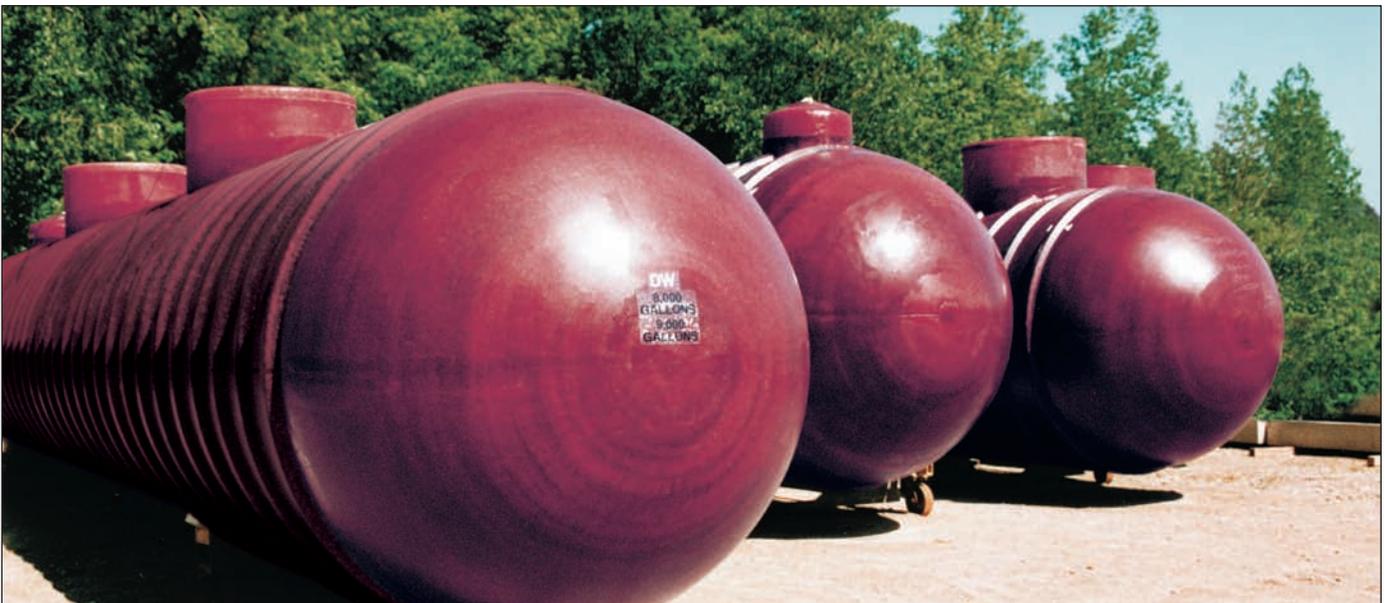
Xerxes multicompartment tanks are a popular choice among retail gasoline marketers and convenience-store owners. The ability to store two or three grades of fuel, or gasoline and diesel, in a minimal amount of space is particularly appealing when available property is limited and the amount of on-site space needed for multiple tanks is difficult to obtain. Some regulatory agencies require a double-wall bulkhead between certain products, for instance, between diesel and unleaded fuel. The Xerxes double-wall multicompartment tank comes standard with a double-wall bulkhead, and the single-wall tank offers a double-wall-bulkhead option.

The benefits of a multicompartment tank

When choosing a Xerxes UL-listed multicompartment fiberglass tank to store multiple products rather than using separate tanks, a customer has the potential of receiving several additional benefits:

- Shipping one tank rather than two or three tanks reduces shipping costs.
- Installing one tank rather than two or three tanks usually results in a smaller excavation.
- Installing one tank may cost less than installing two or three tanks at one site.
- Regulatory costs may be reduced if a government agency charges per-tank permit fees.
- Insurance costs may be reduced if an insurer charges per-tank premiums.

A Xerxes multicompartment tank can have one or two end compartments, which can be either the same size or different sizes.



A wise choice for environmental safety

Today, more and more regulations are in place to protect the environment, particularly our groundwater supplies. A Xerxes multicompartment tank is a superior underground storage option because it offers protection against both external and internal corrosion.

No amount of “protective coating” changes the fact that, unlike fiberglass, steel rusts, and buried steel rusts even faster because the ground is electrically alive. Adding a coating and anodes to steel tanks can sometimes delay the rusting process, but it does not change steel’s natural tendency to rust.

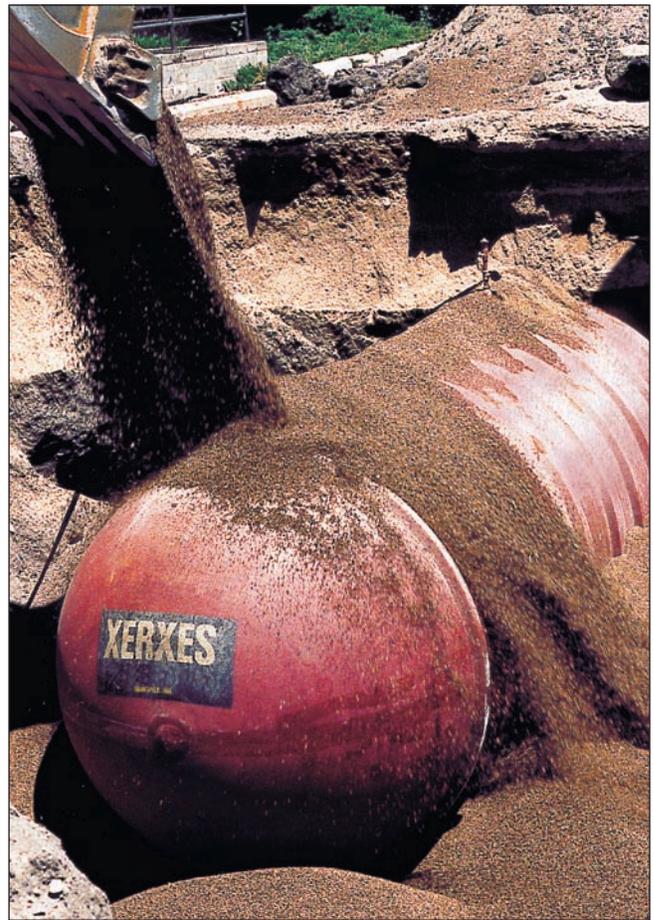
Xerxes fiberglass tanks have the added benefit of protection against internal corrosion, which has been a factor in the failure of underground storage tanks due to leaks. Even properly working external cathodic protection does not guard against internal corrosion.

Since Xerxes fiberglass tanks require no corrosion maintenance or EPA-mandated corrosion monitoring, ongoing maintenance and monitoring expenses are avoided. The corrosion protection of a Xerxes fiberglass tank makes a Xerxes tank a safe, cost-effective and long-term option for storing petroleum products.



The benefits of a tank from an industry leader

Xerxes was the first to make fiberglass underground tanks with integrally constructed ribs – dramatically increasing their robustness – and the first to make a UL-listed fiberglass underground double-wall storage tank. At Xerxes, excellence in service is highly valued along with excellence in product design and manufacturing. This value manifests itself for customers in the ready availability of Xerxes tanks. Xerxes’ manufacturing facilities, strategically located throughout the United States, provide customers with prompt, economical delivery and quality service.



Standard features of a multicompartment tank

- Corrosion-resistant fiberglass
- Added strength and robustness through the use of integral ribs
- UL-listed
- Customized tank and compartment sizes
- Gauge plates under all service openings
- Lifting lug(s)

The Xerxes Mission Statement

Xerxes Corporation is a leading developer and manufacturer of engineered fiberglass reinforced plastic (FRP) structural products, and marketer of these and other products for the petroleum, chemical, industrial and commercial marketplace. Our efforts are dedicated to providing high-quality, competitively priced products that satisfy the requirements of our customers. We are committed to a philosophy of growth and continual improvement of our products, services, processes and personnel in order to serve our stakeholders – customers, suppliers, employees and stockholders.

Single-Wall Multicompartment Tanks

Use the following charts when selecting a multicompartment tank. First, decide the diameter and capacity of the base tank you need. Then decide whether you need one or two end tanks, and determine the capacity of the end tank(s), which can be either the same size or different sizes. Next, use the following method to determine the length and weight for your multicompartment tank:

- 1) Add the length of the base tank plus the length(s) of the end compartment(s) to determine the total length of the multicompartment tank.
- 2) Add the weight of the base tank plus the weight(s) of the end compartment(s) to determine the total weight of the multicompartment tank. (The single-wall multicompartment tank comes standard with a single-wall bulkhead but can be ordered with a double-wall bulkhead. When ordering a single-wall tank with a double-wall bulkhead, add 170 pounds for an 8-foot-diameter tank and 250 pounds for a 10-foot-diameter tank.)

Notes:

Additional sizes of base tanks and end compartments are available.

Contact your Xerxes representative for manway and fitting requirements, tank pricing, and additional sizes of multicompartment tanks.

8-Foot-Diameter Tanks

Base Tanks

Nominal capacity (gallons)	Actual capacity (gallons)	Tank length	Shipping weight dry (pounds)
3,000	3,271	12'-3"	1,200
4,000	4,218	15'-1/2"	1,400
5,000	5,165	17'-8 1/2"	1,700
6,000	6,084	20'-6 1/2"	2,000
8,000	7,950	26'-1/2"	2,500
10,000	9,816	31'-6 1/2"	3,000
12,000	11,682	37'-1/2"	3,500

End Compartments

Nominal capacity (gallons)	Actual capacity (gallons)	Compartment length	Shipping weight dry (pounds)
3,000	2,820	8'-4 1/2"	1,400
4,000	3,767	11'-2"	1,600
5,000	4,714	13'-11 1/2"	1,900
6,000	6,135	18'-1 3/4"	2,400

10-Foot-Diameter Tanks

Base Tanks

Nominal capacity (gallons)	Actual capacity (gallons)	Tank length	Shipping weight dry (pounds)
8,000	8,160	17'-3 3/4"	2,500
10,000	10,563	21'-5 1/4"	3,200
12,000	12,068	24'-1/4"	3,600
15,000	15,248	29'-5 3/4"	4,500
20,000	20,055	37'-8 3/4"	5,700

End Compartments

Nominal capacity (gallons)	Actual capacity (gallons)	Compartment length	Shipping weight dry (pounds)
6,000	6,380	11'-0"	2,800
7,000	7,181	12'-4 1/2"	3,000
8,000	7,983	13'-9"	3,200
10,000	10,386	17'-11"	4,000

Double-Wall Multicompartment Tanks

Use the following charts when selecting a multicompartment tank. First, decide the diameter and capacity of the base tank you need. Then decide whether you need one or two end tanks, and determine the capacity of the end tank(s), which can be either the same size or different sizes. Next, use the following method to determine the length and weight for your customized multicompartment tank:

- 1) Add the length of the base tank plus the length(s) of the end compartment(s) to determine the total length of the multicompartment tank.
- 2) Add the weight of the base tank plus the weight(s) of the end compartment(s) to determine the total weight of the multicompartment tank.

Notes:

Additional sizes of base tanks and end compartments are available.

Contact your Xerxes representative for manway and fitting requirements, tank pricing, and additional sizes of multicompartment tanks.

8-Foot-Diameter Tanks				
Base Tanks				
Nominal capacity (gallons)	Actual capacity (gallons)	Tank length	Shipping weight dry interstice (pounds)	Shipping weight wet interstice (pounds)
3,000	3,220	12'-3"	1,900	2,500
4,000	4,156	15'-1 1/2"	2,200	3,100
5,000	5,049	17'-8 1/2"	2,600	3,700
6,000	5,998	20'-6 1/2"	2,900	4,300
8,000	7,841	26'-1 1/2"	3,600	5,400
10,000	9,684	31'-6 1/2"	4,300	6,600
12,000	11,527	37'-1 1/2"	5,000	7,700
End Compartments				
Nominal capacity (gallons)	Actual capacity (gallons)	Compartment length	Shipping weight dry interstice (pounds)	Shipping weight wet interstice (pounds)
3,000	2,772	8'-4 1/2"	1,900	2,700
4,000	3,707	11'-2"	2,200	3,300
5,000	4,643	13'-11 1/2"	2,600	3,800
6,000	6,046	18'-1 3/4"	3,200	4,800

10-Foot-Diameter Tanks				
Base Tanks				
Nominal capacity (gallons)	Actual capacity (gallons)	Tank length	Shipping weight dry interstice (pounds)	Shipping weight wet interstice (pounds)
8,000	8,005	17'-3 3/4"	3,700	5,200
10,000	10,369	21'-5 1/4"	4,500	6,200
12,000	11,849	24'-1 1/4"	5,000	7,000
15,000	14,976	29'-5 3/4"	6,100	8,600
20,000	19,703	37'-8 3/4"	7,700	11,000
End Compartments				
Nominal capacity (gallons)	Actual capacity (gallons)	Compartment length	Shipping weight dry interstice (pounds)	Shipping weight wet interstice (pounds)
6,000	6,241	11'-0"	3,500	4,800
7,000	7,029	12'-4 1/2"	3,800	5,200
8,000	7,817	13'-9"	4,000	5,600
10,000	10,180	17'-11"	5,000	6,900

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