

Pillow Tanks

Drinking Water Storage Tanks

[Drinking Water Pillow Tanks](#) are a flexible storage unit designed for residential, commercial and industrial potable water storage. Tank exteriors are made from a robust fabric that is high in resistance to outdoor elements such as temperature changes, sun and more. Along the interior of the tanks, construction will feature a fabric that meets FDA and NSF 61 requirements for safe drinking water storage.

Flexible storage tanks are available in almost any size from 25 to 210,000 gallons. Fittings will depend on the size of the tank and the type of application where they are used. Please do not hesitate to contact us with site specific requirements or specifications.



Drinking Water Pillow Tank

Features:

- Drinking Water Compatible Fabric
- Flexible Tank Exterior
- Multiple Contact Times
- Standard Fittings: 2"
- Additional Options Available:
 - Ports
 - Repair Kits
 - Ground Liners
 - Emergency Plugs
 - Pressure Relief Valves



Applications:

- Humanitarian Relief
- Emergency Water Storage
- Residential Water Storage
- Water Supply for Construction Sites
- Water Storage in Remote Areas
- Rainwater Collection
- Industrial Water Storage
- Military Operations

Benefits:

- Approved for Potable Water
- Flexible Tank Exteriors
- Easy to Fold or Roll
- Fits through Doorways
- Easy to Setup
- Low Profile for Height Restricted Areas
- Equipped for Almost Any Fitting
- Fits in Basements and Crawl Spaces

Note: A pipe thread sealant is recommended for all flexible tank fittings. This ensures there is no leakage. The sealant used should be compatible with the tank's contents. Sealant is not included.

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Drinking Water Storage Specifications

Below you will find information regarding the typical construction and fabrication of our drinking water pillow tanks. Specific fabrics, fittings or tank sizes may vary depending on your application and capacity of your tank. If you require specific specifications, such as fabrics, fittings or sizing, please do not hesitate to ask. We are often able to do custom specifications and would be happy to review your project requirements.

- Fabrics:** Our pillow tanks are manufactured from top grade materials that are designed to safely and effectively store liquids in your tank. For drinking water storage, tank interiors will feature fabric that meets FDA and NSF 61 requirements.
- Contact Time:** 1 year to 7 years *** (Please note that the contact time listed for a tank is designed to indicate the point in time where fabric used for the tank may start to change based on weathering or other chemical processes. The contact time is not an indication on tank functionality and has no bearing on the longevity of the tank.)
- Fittings:** 3/4" thru 2" standard. 4" thru 6" available per request. Aluminum, stainless steel, polypropylene with camlock or threaded fittings to accommodate fuel hoses. Ball valves, pressure relief vent with flame arrestors to specification.
- Optional:** Ports for periodic cleaning and inspections, emergency plugs, repair kits, operational spare parts, pressure relief valves.
- Additional Items:** In order to further protect your tank, additional items such as ground pads, berm liners, and secondary containment berms are also available. These items are designed for use underneath the tank to help protect against abrasion.



Pillow Tanks

Typical Tank Sizing Options

Below you will find typical sizing and specifications for our 25 gallon to 5,000 gallon potable water pillow tanks. Dimensions listed below will feature the approximate **filled dimensions** on each storage tank. Due to the flexible fabrics used on the tanks, additional sizes are also available including options for crawl spaces, basements and other smaller storage areas.

Capacity (gallons)	Capacity (liters)	Length	Width	Height
25 gallons	94 liters	36" (0.9 m)	24" (0.6 m)	8" (0.2 m)
50 gallons	189 liters	52" (1.3 m)	36" (0.9 m)	9" (0.23 m)
75 gallons	283 liters	54" (1.37 m)	42" (1 m)	9" (0.23 m)
100 gallons	378 liters	66" (1.68 m)	48" (1.2 m)	9" (0.23 m)
150 gallons	567 liters	60" (1.5 m)	60" (1.5 m)	12" (0.3 m)
250 gallons	946 liters	84" (2.1 m)	60" (1.5 m)	14" (0.36 m)
275 gallons	1,040 liters	72" (1.8 m)	80" (2 m)	16" (0.4 m)
300 gallons	1,135 liters	84" (2.1 m)	66" (1.68 m)	14" (0.36 m)
500 gallons	1,892 liters	108" (2.7 m)	84" (2.1 m)	16" (0.4 m)
600 gallons	2,271 liters	120" (3 m)	84" (2.1 m)	16" (0.4 m)
700 gallons	2,649 liters	114" (2.9 m)	99" (2.5 m)	16" (0.4 m)
800 gallons	3,028 liters	72" (1.8 m)	120" (3 m)	24" (0.6 m)
900 gallons	3,405 liters	72" (1.8 m)	132" (3.35 m)	24" (0.6 m)
1,000 gallons	3,785 liters	132" (3.35 m)	108" (2.74 m)	16" (0.4 m)
1,500 gallons	5,678 liters	168" (4.27 m)	120" (3 m)	18" (0.46 m)
2,000 gallons	7,570 liters	174" (4.4 m)	126" (3.2 m)	22" (0.56 m)
2,500 gallons	9,463 liters	174" (4.4 m)	120" (3 m)	24" (0.6 m)
3,000 gallons	11,356 liters	180" (4.57 m)	162" (4.1 m)	24" (0.6 m)
4,000 gallons	15,141 liters	216" (5.5 m)	168" (4.27 m)	27" (0.7 m)
5,000 gallons	18,927 liters	234" (5.94 m)	186" (4.72 m)	27" (0.7 m)

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Typical Tank Sizing Options

Below you will find typical sizing and specifications for tanks over 5000 gallons in size. The sizing listed for each tank is designed to indicate the approximate **filled dimensions**. Additional sizes are available for uniquely sized locations or areas with limited space. Please do not hesitate to contact us with specific site or location requirements.

Capacity (gallons)	Capacity (liters)	Length	Width	Height
5,500 gallons	20,820 liters	20' (6.1 m)	17' (5.2 m)	2.25' (0.7 m)
6,000 gallons	22,712 liters	21' (6.4 m)	18' (5.5 m)	2.25' (0.7 m)
6,500 gallons	24,605 liters	20.8' (6.34 m)	18' (5.5 m)	2.5' (0.76 m)
7,000 gallons	26,498 liters	19' (5.8 m)	19' (5.8 m)	2.5' (0.76 m)
7,500 gallons	28,391 liters	20' (6.1 m)	20' (6.1 m)	2.5' (0.76 m)
8,000 gallons	30,283 liters	19' (5.8 m)	19' (5.8 m)	3' (0.9 m)
9,000 gallons	34,069 liters	20' (6.1 m)	21' (6.4 m)	3' (0.9 m)
9,500 gallons	35,961 liters	21' (6.4 m)	21' (6.4 m)	3' (0.9 m)
10,000 gallons	37,854 liters	21' (6.4 m)	23' (7 m)	3' (0.9 m)
20,000 gallons	75,708 liters	33' (10.1 m)	25' (7.6 m)	3.5' (1.07 m)
30,000 gallons	113,562 liters	36' (11 m)	32' (9.75 m)	3.5' (1.07 m)
40,000 gallons	151,416 liters	37' (11.3 m)	40' (12.2 m)	4' (1.2 m)
50,000 gallons	189,271 liters	42' (12.8 m)	43' (13.1 m)	4' (1.2 m)
70,000 gallons	264,979 liters	48' (14.6 m)	42' (12.8 m)	4' (1.2 m)
80,000 gallons	302,833 liters	77' (23.47 m)	30' (9.1 m)	5.5' (1.7 m)
106,000 gallons	401,254 liters	88' (26.8 m)	35' (10.7 m)	5.5' (1.7 m)
125,000 gallons	473,176 liters	58' (17.7 m)	59' (18 m)	5' (1.5 m)
150,000 gallons	567,812 liters	78' (23.77 m)	58' (17.7 m)	6' (1.8 m)
210,000 gallons	794,936 liters	75' (22.8 m)	73' (22.25 m)	6' (1.8 m)