



# Cistern Liners

Repair, Retrofit, Protect.

Cistern liners are a water-tight lining system that can store liquids and reduce leaks during storage. Used in both new installations and retrofit projects to provide an impermeable barrier to eliminate leaks caused by cracking or porous surfaces inside your tank. The liners are also used to line newly constructed concrete cistern vaults. The benefits of using a cistern liner include extra security in areas with seismic activity, ease of maintaining water quality and humidity control for indoor cisterns.



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## Repair, Retrofit, Protect.

Cistern liners are perfect for old or new cistern storage tanks. Made with fabric rated for either potable or non-potable water, these liners are custom built to meet the size and capacity of your storage unit.

Cistern liners offer several advantages in cost savings and ease of use. Rather than repairing an old tank or buying a completely new unit, these liners preserve cisterns and safely store liquids longer than traditional storage methods.

### Advantages

- Avoid purchasing new storage tanks.
- Designed to work around pipes and fittings.
- Directly conforms to the size and shape of your tank.
- Protect your investment in new storage containers by adding reinforcement.
- Economical to ship and store.
- Easy to install.
- Multiple fabric options.

The liner will help keep tanks from rusting and corroding. Cistern liners are made from a variety of fabrics to meet the requirements of the liquid being stored. Each liner is custom cut to the dimensions of the tank or cistern.

### Accessories

- Pipe boots
- Compression pad liners
- Battening
- Patch kits
- Flanges
- Valves

### Standard Specifications

Fabric Options	Liquid Compatibility	Sizes	Options
Polyethylene, Polypropylene, Elvaloy, PVC.	NSF 61 and FDA Compliant for Potable Water, Gray Water, Waste Water or Irrigation Water.	Custom made to support the dimensions and volume of your rectangular, cylindricle or customer shaped container.	Boots to fit around pipes and fittings. Underlayment material for added protection. Battening strips for a variety of attachment options.

### How to measure your cistern.

Cistern liners require precise measurements. Measurements for rectangular tanks should include LxWxH. Round tanks should include measurements for diameter and Height. Methods for securing the liner also affect the size of the liner. When measuring for a tank liner, keep in mind that the liner needs to be attached to the top of the tank by either battening strips or an "overlap" method, your choice based on the situation. For overlap liners, extra wall height is required so that the top edge of the liner can be folded over and secured properly. This normally adds about 6 to 12 inches to the wall height. For battening strips, no extra wall height is needed.

For more complete information on GEI Works products and solutions, visit us on the web at [www.geiworks.com](http://www.geiworks.com)

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