

*GSE Lining Technology, LLC* is a leading manufacturer and installer of geosynthetic lining products and services world wide. Headquartered in Houston, Texas, GSE has manufacturing facilities strategically located throughout the world. Our Houston based manufacturing facility is equipped with round die HDPE and LLDPE geomembrane extrusion lines. GSE's other facilities in the US include a Geosynthetic Clay Liner facility in South Dakota, and a nonwoven geotextile, geocomposite, and geonet facility in South Carolina. In addition to GSE's manufacturing facilities in North America, GSE has a 12,000 square foot facility for the fabrication of specialty plastic products including oil containment booms, quick-containment pads, and decontamination pads.

The GSE Custom Plastic Fabrications Group provides a new dimension in customer service. From start to finish you can expect your project to be completed on time, with solutions backed by the industry leader. Our goal is to make your life easier. We listen, ask questions, find answers and generate results. It is our strong record of results that keeps customers coming back to GSE time after time.



**CLEANING UP?**  
we have what you need

**Cleaning up the shore.**

Visit us on [gseworld.com](http://gseworld.com)  
**800.435.2008**



*The Pioneer of Geosynthetics*  
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**CLEANING UP?**  
we have what you need



## SECURE TEMPORARY CONTAINMENT

Many clean-up activities involve the use or transfer of potentially environmentally damaging chemicals and liquids. Improper containment can have disastrous effects and prolong clean-up efforts. Preventing pollutants from further damaging soil or groundwater must be a priority.

GSE offers a variety of products to aid in the clean-up of environmentally hazardous materials. Made from high quality virgin materials and with expert craftsmanship GSE's containment products are an exceptional choice for clean-up projects.

GSE's products offer an excellent chemical resistance and many advantages over other forms of clean-up products. GSE's products are UV resistant, portable, and reusable. GSE's HDPE and LLDPE products are superior to PVC products in many ways.

## ADVANTAGES

- **UV RESISTANT**

UV stabilized can be used in exposed applications

- **LIGHTWEIGHT**

Easy to handle

- **CUSTOM SIZES**

Available in customized sizes to meet most needs

- **REUSABLE**

Material can be cleaned, rolled, or folded for storage and reuse

- **LOW COST**

High chemical resistance including hydrocarbons

- **EASY TO ASSEMBLE AND DISASSEMBLE**



GSE QUICK CONTAINMENT TANK

Property	GSE HDPE	PVC
Maximum Temperature*	150°F	140°F
Alkali Resistance**	Excellent	Good
Chlorinated Hydrocarbon Resistance**	Very Good	Poor
Aromatic Hydrocarbon Resistance**	Very Good	Poor
Aliphatic Hydrocarbon Resistance**	Excellent	Poor to moderate
Ultimate Tensile Strength	>4,000 psi	<2,300 psi
Ultimate Tensile Elongation	>700%	<500%
Crosslinking Due to UV	None	Yes, and result in cracking
Low Temperature Brittleness	<-90°C	-40°C
Permeability	<1 x 10 <sup>-12</sup> cm/s	1 x 10 <sup>-10</sup> cm/s

**NOTES:**  
 \* Maximum allowable temperature may be limited by chemical exposure. Contact GSE for more details.  
 \*\* Material resistance varies according to the particular exposure media. Contact GSE for more details.



GSE AQUATANK

## APPLICATIONS

- Daily Covers
- Frac Tanks
- Water Storage
- Loading Areas
- Equipment Covers
- Decontamination Areas
- Tank Trucks
- Temporary Containment

## GSE QUICK CONTAINMENT

GSE offers a very high level of protection with its reusable, fabricated polyethylene containment pads. GSE Quick Containment pads are fabricated using GSE's patented GSE Conductive HDPE liners. Clean liner pads can be repeatedly spark-tested to ensure long-term secure containment. In addition, these pads are easily transportable and cost far less than alternatives.

## GSE STORAGE BLADDERS

GSE Storage Bladders offer a convenient and reusable container for storing water and several clean-up liquids. Each bladder is constructed of GSE's LLDPE material to provide strength and flexibility. GSE's Storage Bladders can be fabricated in many sizes and fitted with a variety of connectors for ease of use with existing equipment.

## GSE AQUATANKS

GSE AquaTanks are custom built, cost-effective, portable, and safe way to store liquids for a wide range of applications. AquaTanks offer outstanding thermal and dimensional stability, chemical resistance, and UV resistance. AquaTanks are custom fabricated to form a one piece tank that will not leak, rust, chip or corrode. AquaTanks are a perfect choice for the temporary storage of aquatic life during the clean-up process.