



Geosynthetic Fabrication

**Custom Fabrication — Built
to your Project Requirements.**



TITAN

BUILD YOUR LEGEND

Custom Fabrication. Built to your Project Requirements.

Titan's in-house Geosynthetic Fabrication Division produces custom geomembrane and geotextile panels, along with specialty fabricated products for a wide range of applications.

With two fabrication facilities and dedicated seaming and sewing equipment, we fabricate panels to the dimensions and specifications required for your project. This gives you greater control over material selection, panel sizing, and installation requirements—from fabrication through deployment.

Whether you need standard panels or a custom configuration, our team can help determine the right material and fabrication approach for the job.



The Titan Advantage



Built Around Your Project

Our fabricated panels can be built to virtually any size or shape to meet your project requirements. From large custom panels to specialty components, we work with your team to determine the appropriate configuration, dimensions and material for the application.

Less Work in the Field

Pre-fabricated panels shift more of the work from the jobsite to a controlled fabrication environment. With panels available in sizes up to one acre, less seaming is required in the field, helping crews install faster and reducing exposure to weather-related delays.

Quality You Can Control

Fabricating in a controlled factory environment allows for greater consistency in panel dimensions and seam quality. Stable fabrication conditions provide a solid foundation for precise welding, while quality control throughout the process helps ensure panels are ready for installation when they arrive on site.

Fabrication Expertise

As a member of the Fabricated Geomembrane Institute (FGI), Titan stays connected to industry practices and developments related to fabricated geomembrane systems.



One Team From Fabrication to Installation

When fabrication, supply and installation are handled by the same team, there's less coordination between separate suppliers and contractors. Titan can support the project from material selection through installation.

What We Fabricate

Geomembranes

Panels for:

- Ponds & lagoons
- Landfill lining & capping
- Secondary containment
- Floating & rain covers
- Irrigation & agricultural ponds
- Hatchery, fish farm & algae ponds
- Golf course ponds
- Baffle curtains



Specialty Products

- Hems
- Slip sheets
- Grommets
- Pipe boots
- Spill containment berms
- Pop-up containment
- Sand tubes



Geotextiles

- Custom underlay panels
- Pre-seamed geotextile panels



Material Options

Geomembrane

Woven Coated (RPE)

- 12, 16, 20, 24 & 30 mil

XR-5 High-Performance Reinforced

- 30 & 40 mil

LLDPE

- 20, 30 & 40 mil - custom fabrication
- 60, 80 & 100 mil - supply only

LLDPE-R

- 20, 24, 30, 36 & 45 mil
- smooth, textured, and conductive

PVC

- 10, 20, 30, 40, 50 & 60 mil

EPDM

- 45 & 60 mil

RPP

- 36, 45 & 60 mil

Geotextile

Non Woven

- 6,8,10,12 & 16oz

Why Fabricate in Advance?

Pre-seamed panels arrive folded and packaged for transport, making them easier to handle and deploy on site.

Panels are fabricated to the required dimensions under controlled conditions, helping reduce the amount of seaming required in the field.

The result: less on-site fabrication and a more efficient installation process.



Titan Environmental supplies proven geosynthetics and specialty civil engineering construction solutions designed to extend the life of vital infrastructure while protecting precious natural resources.

We push limits with creative solutions. Our product lines include geomembranes, geotextiles, geogrids, primary & secondary containment systems, stormwater management solutions, drainage solutions, MSE wall & slope systems, and erosion & sediment control products. We service the road construction, agricultural, waste management, water resources, mining, oil and gas, and hydroelectric industries that support essential infrastructure worldwide. By providing engineers with a resilient foundation for building better, we've become North America's fastest-growing-end-to-end geosynthetics supplier, fabricator and installer.

We do more than help manage environmental impact, we help improve how that's done. With a team of audacious innovators and agile problem-solvers, we're trusted to adapt to change, respond quickly, and support you at every stage. When you build with Titan, you strive for your very best.



Titan Environmental Containment | Titan Environmental USA

Toll free: 1-866-327-1957 | info@titanenviro.com | TitanEnviro.com

