

Geosynthetic Fabrication



TITAN

BUILD YOUR LEGEND

Geosynthetic Fabrication Solutions

Custom products. Made in-house.

Titan complements its Supply and Installation Service with an in-house Geosynthetics Fabrication Division specializing in custom fabrication of geomembrane panels, geotextile panels, and specialty products for a wide variety of applications.

Operating two large fabrication facilities equipped with the latest seaming and sewing technology, our company maintains the highest quality assurance standards in the industry and is committed delivering top-notch fabricated products for projects across Canada, the USA and abroad. We understand that different project applications have unique material needs, and are pleased to cater to this with a range of suitable material options.



What We Fabricate

Geomembranes

Panels for:

- Pond lining
- Landfill lining
- Wastewater lagoon lining
- Secondary containment systems
- Floating covers
- Baffle curtains
- Rain covers



Specialty Products

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



Geotextiles

- Underlay 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
- Pre-seamed panels come folded and packaged for easy transport, quick install and smooth deployment.
- Fabricated to highest quality control standards to required dimensions for your project.
- Eliminates on-site seaming to reduce installation time.





Waste & Water Management

- Wastewater lagoons & ponds
- Retention pond
- Landfill capping
- Floating covers



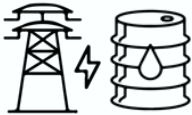
Agriculture

- Crop irrigation lining
- Hatchery pond lining
- Fish farm and algae ponds lining
- Ranch Ponds



Sports & Recreation

- Golf course ponds



Hydroelectric Energy and Oil & Gas

- Secondary containment system lining
Spill containment berms



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

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