

**An Intermediate Cover
that Improves the Environment
& Saves Money**



U.S. & International Patents Pending





VersaCap® provides for a rapid closure allowing the operator to gain immediate influence over odor, gas emissions and leachate generation while reducing erosion.

VersaCap® is comprised of an engineered turf which is permanently extruded to a high strength polyethylene backing. It is an aesthetically pleasing, intermediate cover for landfills designed to eliminate leachate production, erosion and turbidity at the source while containing gas emissions and improving gas collection efficiency. A VersaCap® deployment dramatically lowers maintenance and operational costs over the life of the landfill.

Unlike exposed geomembrane covers that have to be replaced frequently, the VersaCap® product alone can last up to fifteen years. However, when combined with a bound infill, the life of the product is increased to more than 50 years. This helps make VersaCap® the most versatile intermediate landfill cover system on the market today.



Innovative patent-pending fusion method

VersaCap® is an environmentally-friendly solution in that it is 100% recyclable and ensures clean surface water run-off protecting local water sources and surrounding communities alike.

Typical applications:

- Temporary landfill cover
- Landfill gas odor control
- Erosion control / Turbidity reduction
- Temporary stockpile cover

> Leachate Reduction

Compared to traditional soil caps, VersaCap® significantly reduces leachate generation resulting in lower operational costs. VersaCap® eliminates downstream siltation resulting in high quality storm water runoff and clean sediment ponds.

> Stays in Place

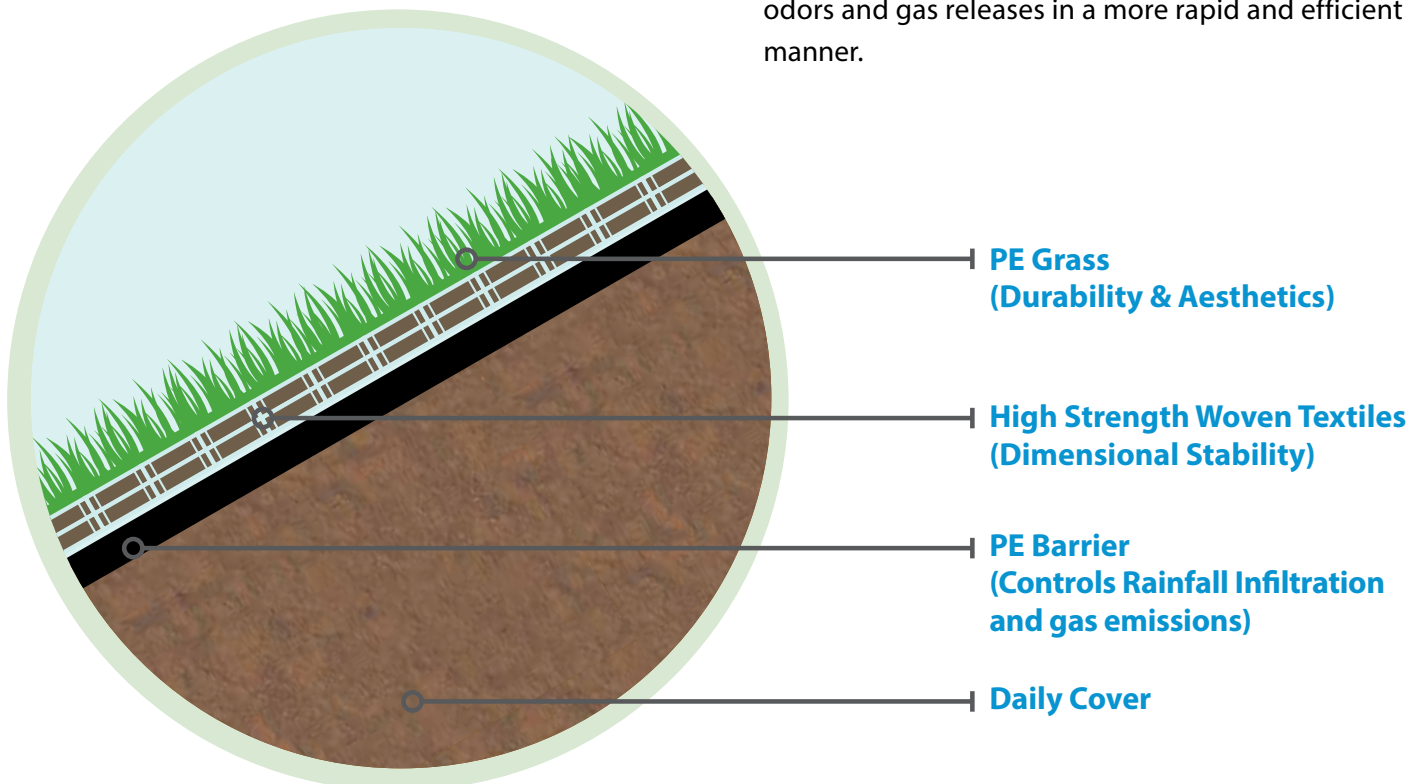
Unlike exposed geomembrane covers, VersaCap® does not require continuous ballast. It is a wind-resistant membrane that is secured only by anchor trenches. Seams are welded, not sewn, for higher and more durable strength properties. The material can provide up to 15 years of life (based on climate) and can be taken up and redeployed in future areas.

> Lower Maintenance Costs

Eliminates the need for cap maintenance such as mowing, erosion repairs and the application of water, fertilizers and pesticides.

> Controls LFG Emissions & Odor Nuisance

VersaCap® will allow the operator to gain influence over odors and gas releases in a more rapid and efficient manner.



*VersaCap® has passed the highest testing standards for flammability per ASTM D2859.



Product Data	Test Method	Values
Product Weight	D5261/D751	35 oz/sq yd
Puncture (CBR)	D6241	800 lbs
Tensile Product (MD)	D4595	1,000 lbs/ft (min)
Tensile Product (XD)	D4595	1,000 lbs/ft (min)
Interface Friction	D5321	25° (with sandy soil)
Aerodynamic Evaluation	GTRI Wind Tunnel*	120 mph min.

SUPPLY INFORMATION (Standard Roll Dimensions)

Thickness	Width		Length (typical)		Area (approx.)		Weight (avg.)	
	ft	m	ft	m	ft ²	m ²	lbs	kg
Turf Component	12	3.7	300	91.44	3,600	334	840	381

Notes:

Turf rolls are wound on a 6 inch core and are strapped and wrapped for shipment. Special roll lengths are available upon request.

*Georgia Tech Research Institute



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