INTERNATIONAL COVER SYSTEMS

Geotextile
8 oz Non Woven

Nonwoven geotextiles are a multi-purpose fabric made from polypropylene staple fibers that are needle-punched to from a dimensionally stable fiber network. These permeable textiles are often used as a cushion layer in conjunction with geomembranes to guard against tears due to rocks, stones, concrete or other harsh surfaces and objects. Geotextiles are a relatively inexpensive insurance for geomembrane protection in situations where the subgrade or cover soil are questionable. Other applications include filtration and separation with soil, rock, earth or any other geotechnical engineering-related material.

- Separation/Stabilization of paved and unpaved roads
- Filtration in subsurface drainage systems
- Geomembrane Cushion Layer
- Environmental Waste Management
- Filtration beneath hard armor systems
- Geomembrane Separation Layer

Certified Properties	ASTM	
Grab Tensile Strength (lbs)	D-4632	205
Grab Tensile Elongation (%)	D-4632	50
Puncture (CBR) Strength (lbs)	D-6241	500
Trapezoidal Tear Strength (lbs)	D-4533	80
Apparent Opening Size (Standard U.S. Sieve)	D-4751	80
Permittivity (sec^{-1})	D-4491	1.4
Water Flow Rate ($gal/min/ft^2$)	D-4491	95
UV Resistance at 500 hours Exposure (% Strength Retained)	D-4355	70