

GEOTEXTILES




TITAN



Titan is proud to provide the containment and erosion control industries with the highest quality geotextiles available for drainage filtration, soil separation and reinforcement needs. Available in varying strength and thicknesses, TE geotextiles help improve the performance of environmental engineering, civil engineering, and construction projects. They work to restrict soil particles while allowing liquid and gases to easily pass through, providing the perfect balance of functionality for a wide range of applications and needs.

OUR PRODUCTS:



Woven Geotextile

- Made of polypropylene materials.
- High tensile strength and durability.
- Easy to install.

Benefits:

- Cost-effective environmental alternative to traditional construction materials.
- Reduces required aggregate thickness in unpaved roads.
- Extends road and railway life.
- Speed-up construction with short-term reinforcement of the base.
- Offers optimum performance when used in stabilization applications.

Used for:

- Soil separation in road construction
- Sub-grade stabilization
- Railroad stabilization
- Filtration
- Erosion & sediment control in embankment construction
- Protection of geomembrane liners
- Sub-surface drainage
- Containment
- Temporary liners
- Turbidity curtains & silt fence
- Covers & tarps



Non-Woven Geotextile

- Needle-punched.
- Made of 100% polypropylene staple fibers formed into a random network for dimensional stability.
- Has excellent chemical compatibility.
- Resistant to UV deterioration, rotting, biological degradation, naturally encountered basics, and acids.
- Easy to install.

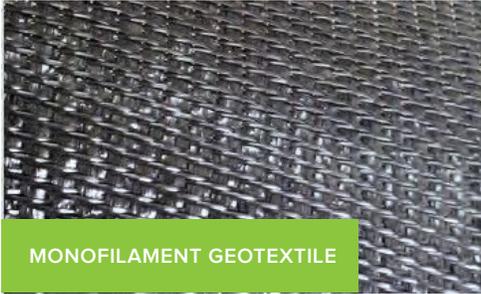
Benefits:

- Provides long-term strength and durability performance.
- Extends road and railway life.
- Cost-effective environmental alternative to traditional construction materials.
- Prevents soil erosion.

Used for:

- Shoreline protection
- Roadway separation
- Railroad stabilization
- Subsurface drainage
- Containment
- Gas venting
- Under riprap or around pipes
- Soil separation
- Filtration
- Erosion & sediment control
- Sub-grade stabilization
- Protection of geomembrane liners





Monofilament Geotextile

- Manufactured from extruded polypropylene monofilaments which are woven to create a very dimensionally stable, highly permeable geotextile.
- High tensile strength and durability.
- Ideal for situations where high water flow rates are necessary to provide filtration underneath materials such as gravel, rip-rap, large stone blocks, Geo-Cell, interlocking blocks, paving bricks, or other types of erosion protection.
- Resistant to soil and biological clogging.

Benefits:

- Reduces the required aggregate thickness in unpaved roads.
- Extends road and railway life.
- Cost-effective environmental alternative to traditional construction materials.
- Easy to install.
- Helps to speed construction with short term reinforcement of the base.
- Allows water to freely pass while preventing soil erosion.

Used for:

- Shoreline revetment systems
- Hard armour underlayment
- Soil separation
- Filtration
- Erosion & sediment control
- Sub-grade stabilization
- Subsurface drainage
- Containment
- Temporary liners
- Landfill applications
- Protection of geomembrane liners
- Covers & tarps

CONTACT US:

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