

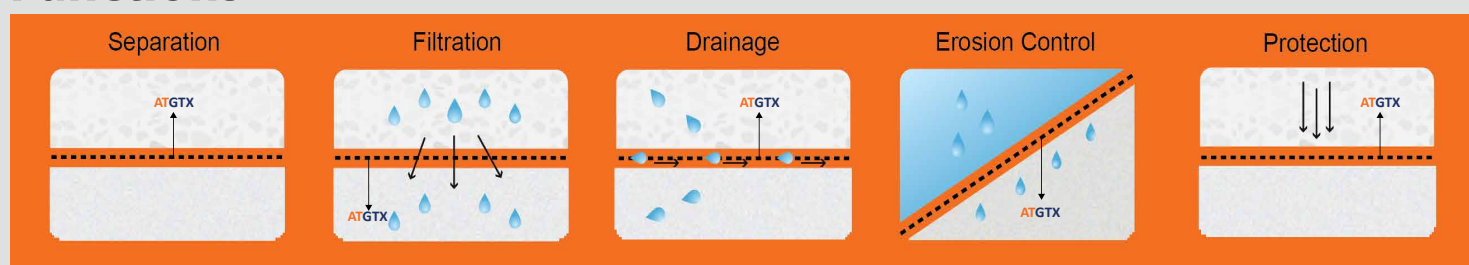


ATGTX

➤ ATGTX- Nonwoven Geotextile

ATGTX are permeable fabrics which, when used in association with soil, have the ability for separation, filtration, protection or drainage. Raw material used for non-woven geotextile is generally polypropylene and polyester.

Functions



Separation: The Power to Preserve Integrity

ATGTX, effectively separating the layers, which prevents the undesirable migration of fine-grained subgrade soils into permeable granular road bases. This ensures the integrity of your structure by preventing the unwanted mixing of adjacent layers.

Filtration: Uncompromising Soil Protection

ATGTX is a remarkable solution acts as a filter media, meticulously retaining these particles and preventing their leaching and drainage.

Drainage: Effortless Liquids and Gas Transportation

ATGTX, the ultimate solution for seamless transportation of liquid and gas elements. Designed to work flawlessly on its own or alongside drainage nets, **ATGTX** enhances your system's ability to handle fluids and gases, guaranteeing superior flow and performance.

Erosion Control: Unleash the Defender Within

ATGTX, the Ultimate Guardian Against Erosion. This powerhouse performs double duty as a separator and drainage layer, providing unmatched protection for your soil. Stand out in the erosion control market with **ATGTX's** distinctive capabilities.

Protection: Potential of ATGTX

Discover the limitless possibilities that **ATGTX** brings to your projects. Elevate performance, enhance soil protection, and fortify against erosion.



➤ PROCESS OF FORMATION



Why **ATGTX**?

- **State-of-the-Art Manufacturing:** Experience the future with **ATGTX's** fully automated, cutting-edge production facility.
- **Global Standards Compliance:** Trust in our comprehensive testing laboratory, ensuring adherence to international standards.
- **Worldwide Excellence:** We're committed to delivering only the finest products and services across the globe.
- **Premium Raw Materials:** **ATGTX** products are crafted from the highest quality materials for unmatched performance.
- **Impressive Capacity:** With a production capacity of 350 tonnes per month, we guarantee timely delivery.
- **Quality Assurance:** Dependability and dedication define our promise to deliver only the best.
- **Value for Money:** Competitive pricing meets top-tier service to provide exceptional value.
- **Versatile Sizing:** Offering maximum product width up to 6.0 meters to suit diverse project needs.





ATGTx(PP)-Nonwoven Polypropylene

Introducing **ATGTx (PP)**, the robust non-woven polypropylene geotextile engineered to redefine durability in your projects. Our geotextile is meticulously constructed with PP staple fibres, thermally bonded by needle-punching, creating a fabric that boosts strength, flexibility, and dimensional stability. With its ideal pore sizes and exceptional permeability, **ATGTx (PP)** ensures optimal performance. Its UV resistance and superior separation and filtration capabilities prevent the mixing of different materials, enhancing the performance and extending the design life of granular layers in stabilization and drainage applications. Trust **ATGTx (PP)** for a geotextile solution that stands the test of time.

► Features of ATGTx (PP)

- **Unmatched Durability:** Thrives in any soil condition for lasting reliability.
- **Lightweight:** Its low density makes it easy to transport and handle, reducing labor costs.
- **Performance Under Pressure:** Guarantees separation, drainage, and filtration, even under heavy loads.
- **Superior Strength:** Exceptional tensile strength for demanding applications.
- **Pavement Protector:** Prevents material intermixing, significantly enhancing pavement lifespan.

► Applications of ATGTx (PP)

- Highways and roads.
- Railways.
- Erosion control over slopes.
- Canals.
- Tunnels.
- Hydraulic Construction.



ATGTX(PET)-Nonwoven Polyester

ATGTX (PET), the superior non-woven polyester geotextile crafted from the finest polyester staple fibres, meticulously needle-punched for excellence. Boasting UV resistance, it is the ideal solution for reinforcing and safeguarding granular layers. **ATGTX (PET)** is your go-to for comprehensive soil retention, filtration, and drainage functions, ensuring your project's success.

The resilience of **ATGTX (PET)** against UV degradation makes it a reliable ally in any environmental condition, ensuring that your projects are built on a foundation of strength & longevity.



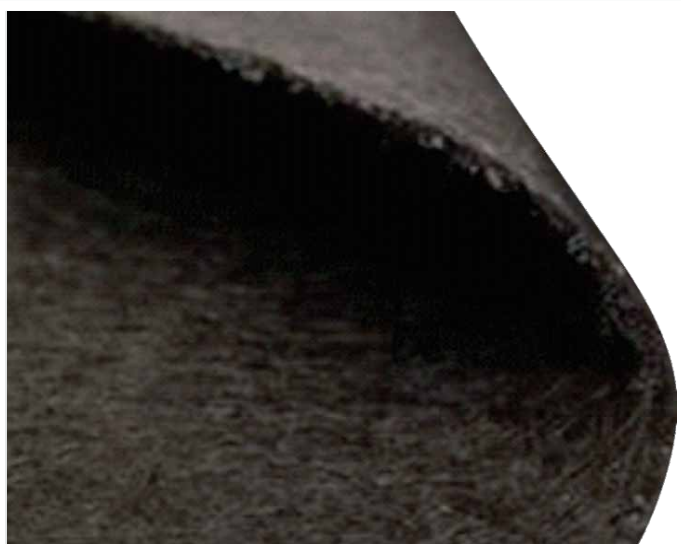
► Features of ATGTX (PET)

- **Unyielding UV, Temperature, and Chemical Resistance:** Engineered to withstand the harshest conditions without compromise.
- **Exceptional Tensile Strength:** Construct for superior durability to tackle demanding applications.
- **Cushioning Road Protection:** Designed to provide essential protection, ensuring road longevity.
- **Optimal Permeability:** Allows for significant water flow, maintaining soil retention without hindrance.

► Applications of ATGTX (PET)

- Highways and roads.
- Embankments.
- Landfills.
- Sports construction projects.
- Airfields.
- Retaining Structures.





Paving Fabric

At our state-of-the-art facility, we manufacture the Paving Fabric, a premium non-woven geotextile coated with a bituminous layer. This high-quality product serves as an essential moisture barrier and stress-relieving membrane, expertly positioned between existing pavement and asphalt overlay.

Our Paving Fabric is meticulously crafted to extend the service life of your overlay, ensuring enduring quality and performance. Trust in our commitment to excellence and make our Paving Fabric the cornerstone of your infrastructure projects.

► Features of Paving Fabric

- **Water Ingression Blockade:** Shields pavement layers from surface water.
- **Crack Retardant Interface:** Slows down reflective cracking effectively.
- **Enhanced Fatigue Resistance:** Boosts pavement endurance.
- **Tack Coat Versatility:** Compatible with various tack coat grades.
- **Customized Weight Options:** Tailored to diverse maintenance requirements.

► Applications of Paving Fabric

- **Keeps Lower Layers Dry:** Preserves strength by preventing water penetration.
- **Minimizes Cracking:** Reduces overlay cracks with a stress-absorbing layer.
- **Stabilizes the Structure:** Maintains the consistent moisture for a stronger base.



ATBAG-Nonwoven Geo Bag

ATBAG, the innovative sand-filled geotextile bag is transforming river protection and offshore breakwater applications. Unlike rigid structures, **ATBAG** offers a soft, flexible solution for shore protection, reinforcing coastal defences with its myriad of strengths.

Designed for durability, it delivers exceptional tensile strength, elongation, and seam integrity, along with superior abrasion resistance, tear strength, puncture resistance, and UV stability. Choose **ATBAG** for a resilient and reliable coastal safeguard.



► Features of ATBAG

- **Double-Stitched Durability:** Unmatched seam strength for long-lasting use.
- **Onsite Soil Filling:** **ATBAG** provides supreme convenience in onsite filling of soil.
- **Eco-Safe Assurance:** Committed to environmental harmony.
- **Cost-Effective Design:** Smart savings in production and setup.
- **Tailored Sizing:** Customization of sizes are available according to site requirement.
- **Emergency-Ready Mobility:** Mobilization is easy during emergencies.

► Applications of ATBAG

- **Coastal Shield:** Fortify shorelines with confidence.
- **Dam & Levee Guard:** Reinforce with resilience.
- **Waterway Defender:** Secure inland waters effortlessly.
- **Port & Harbour Sentinel:** Protect maritime gateways.
- **Flood Defence Economy:** An affordable solution for flood management.





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