ULTRAL NG1000

100 % UV STABILIZED GEO FABRIC

Drainage • Filtration • Separation

ULTRAL NG1000 is a non-woven, spun bonded ,polypropylene fabric. ULTRAL NG1000 can be used for drainage, separation, protection and filtration layer for various applications. ULTRAL NG1000 are chemical resistant in all naturally occurring soil alkalis and soil acids. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects and chemicals, and is non-biodegradable.



ULTRAL NG1000 Geotextiles are also biologically resistant to bacteria and fungi. All ULTRAL NG1000 rolls are delivered to site in polyethylene wrappers and should remain in these wrappers until it is to be used.

FIELD OF APPLICATION

ULTRAL NG1000 Geotextile is suitable for use in a range of applications including residential, industrial estates, swales, sports pitches, car parks, roofs, basements, pedestrian areas Roads, Railways, Retain wall, Drainage system, Bridges, Erosion control, Dams and canals, Tunnels and Landfills and rainwater harvesting. Refer to Organix technical services for advice on specific applications.

PERFORMANCE

ULTRAL NG1000 Geotextile comprises a proprietary blend of polyester fibers that incorporate hydrophilic (water attracting and oil repellent) and hydrophobic (oil attracting and water repellent) properties to achieve superior oil retention. ULTRAL NG1000 Geotextile is capable of retaining oil contamination ranging from daily car drip losses up to catastrophic spillages, i.e. originating from car oil-sump failures. The entrapped hydrocarbons are biodegraded by naturally occurring micro-organisms providing a self cleansing mechanism

FEATURES

ULTRAL NG1000 major functions are separation, reinforcement, filtration, protection drainage, and their combinations.

- Due to high tensile strength, the material can bear considerable loads and perform reinforcement function at relatively low deformations;
- Local damage does not lead to the material destruction and it continues its performance due to higher elongation
- Universal filtering property due to specific material structure excludes the embedding of soil particles into cells and their bridging, thus providing stability of the material filtering quality under soil pressure and intense vibration;
- High tear and puncture resistance makes simplifies installation considerably;
- UV resistant, produces no by-products, ecologically clean material.

engineered to perform

THE MOST ADVANCED GEOSYNTHETIC

Organix line of nonwoven products include subsurface drainage fabrics, separation fabrics, stabilization fabrics and fabrics for erosion control and cushioning. Whether used in, roof insulation system,roadways, railroads or landfills, our nonwoven Geosynthetic solutions can add years to the life of your project.

ULTRAL NG1000 Non-Woven Geotextile Specification

Properties	Test Method	Specific Values
Density -Mass per unit area	EN ISO 9864	≥ 1000g/m²
Grab Tensile	ASTM D 4632	500N/50mm strip
Elongation at break -	ASTM D 4632	80%
Puncture Resistance	ASTM D 6241	1400 N
Tear Strength	ASTM D 4533	1800
Mullen burst strength	ASTM3786	1500kPa
Coefficient of permeability	ASTMD4491	0.1m/s/m of head
Melting point	-	≥195°C
UV Resistance	ASTM D 4355	≥90%

Manufacturing standard All products manufactured by Aggregate Industries are produced in accordance with ISO 9001 with factory compliance to ISO 14001

PACKING

STD .Roll Width: 3metre; Roll Length: 100metre / W-2M X L-450M and various packages suitable for transportation. Contact support@organixbs.com for more information.

Notes: ORGANIX can customize the product to fulfill different project requirement.
If you require more detail information, please feel free to contact us directly at support@organixbs.com We'll be pleased to provide our best assistance. ORGANIX commitment to innovation, our focus on quality and our industry expertise allow us the flexibility to collaborate with our clients to develop a custom, purpose-fit solution

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ORGANIX BUILDING SYSTEM
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