



geofor
textile 

GEOFOR GEOTEXTILES

Non-Woven Geotextiles

Produced as a product of thermal process of needled infinite strands of Polypropylene and Polyester raw material. Used for filtering, protection and separation.

Used in highways, railways, airports, earth fills, coastal structures, superstructures, and landscape projects.

For Filtering

Main purpose is to prevent problems in soil stabilization caused by materials in different gradations, resulted in blockage of coarse materials by fine materials.

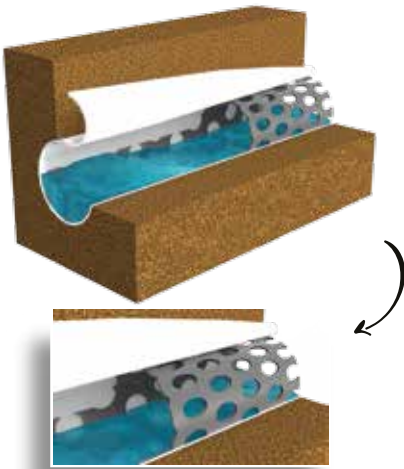
For Separation

To separate to different soil layers

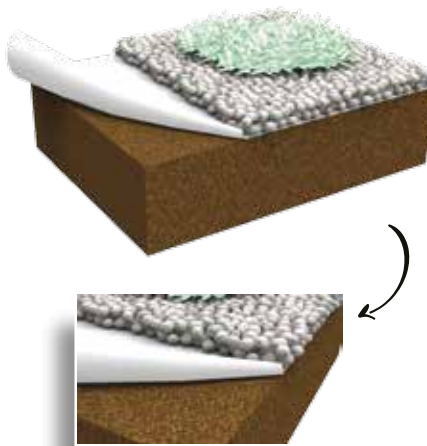
For Protection

Generally used as a protection of geomembrane under risk of tearing and puncture. Produced in high density.

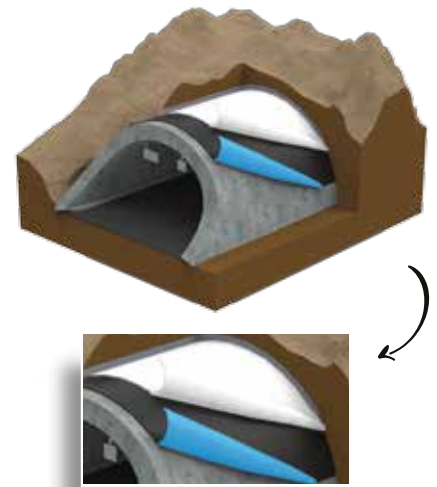
Drainage



Filtration and Separation



Tunnel Applications



PROPERTY	TEST METHOD	UNIT	MASS/UNIT AREA (G/m ²)					
			340	406	542	812	1080	2000
Mass per unit area	ASTM D5261	g/m ²	340	406	542	812	1080	2000
Grab tensile strength	ASTM D4632	kN	1.02	1,33	1,64	2.00	2,25	2.80
Grab tensile elongation	ASTM D4632	%	50	50	50	50	50	50
Trap, tear strength	ASTM D4533	kN	0,42	0,51	0,64	0,89	0,96	1.27
Puncture (CBR) strength	ASTM D6241	kN	3,11	3,56	4,00	4,90	7,56	10.60
UV resistancel(2)	ASTM D7238	%	70	70	70	70	70	70