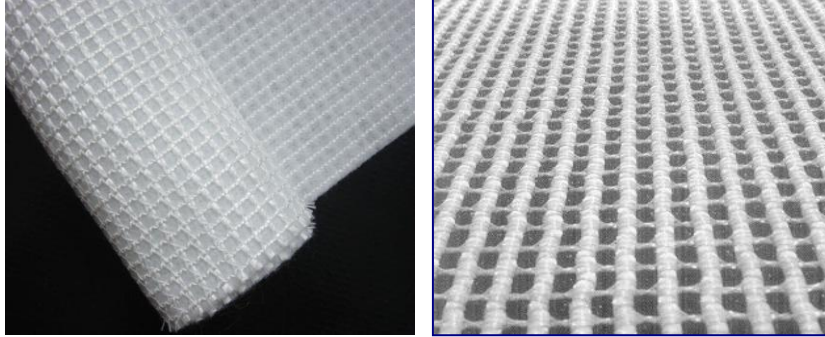


# ENVIRO™ ARTER™ GTS-V

## KNITTED PET & PP GEOCOMPOSITES

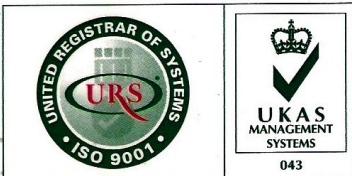


### PRODUCT SPECIFICATION

SPECIFICATION DATA				
Item No.	TPGB3030	TPGB5050	TPGB8080	Test Method
Width	530 CM	530 CM	530 CM	
Roll length	100 M	100 M	100 M	
Polymer Type	PET+Nonwoven or PP+Nonwoven	PET+Nonwoven or PP+Nonwoven	PET+Nonwoven or PP+Nonwoven	
Max Tensile Strength MD	≥30KN/M	≥50KN/M	≥80KN/M	ENISO 10 319:1996
Max Tensile Strength CD	≥30KN/M	≥50KN/M	≥80KN/M	ENISO 10 319:1996
Strain at Ultimate MD	≤20%	≤20%	≤20%	ENISO 10 319
Strain at Ultimate CD	≤20%	≤20%	≤20%	ENISO 10 319
CBR Puncture	≥2 KN	≥2.5KN	≥4KN	EN ISO 12 236
Permeability	≥0.05cm/s	≥0.05cm/s	≥0.05cm/s	
Apparent Size of Opening	0.01~0.90	0.01~0.90	0.01~0.90	EN ISO 12 956
PH Value Soil	4<pH<10	4<pH<10	4<pH<10	

<b>CHARACTERISTICS*</b>	ENVIRO™ ARTER™ TECHNICAL TEXTILE Geocomposite products are produced using select Polyester (PET) high tenacity directionally oriented fibers, bundled into yarn and Knitted into directionally oriented structure (K-DOS) using advanced knitting technology on the back up of Nonwoven fleece. K-DOS knitted Geocomposite products are inert against normally occurring acids, alkalis and mineral salt present in soil, and is stable in normally occurring temperatures. Being non-food supplement, it is non-nutrient to micro-organism and rodents.
<b>PRODUCT LIFE</b>	ENVIRO™ ARTER™ K-DOS TECHNICAL TEXTILES Geocomposite have characteristic properties to allow it to be used in soil reinforcement applications with appropriate design considerations, for design life in the medium term (60 years) and in the long term ( 100 to 120 years).
<b>APPLICATIONS</b>	ENVIRO™ ARTER™ K-DOS TECHNICAL TEXTILES Geocomposites are used extensively as soil separator and reinforcement, such As Reinforced Soil/ Fly Ash Retaining Structures, Slope Reinstatement For Highways, Railways, High Embankment Construction, Steep Slope Repair, Landslide Remediation, Hill Slope Stabilization, Blast Wall, Sound Barrier And Traverse Construction, Slope Stabilization etc.

ENVIRO™ & ARTER™ are registered Trade Marks



Certified by ISO 9001:2008 quality accreditation for Design & Production of Geosynthetics

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**ENVIROGEO™**  
*Assuring Sustainable Environment*