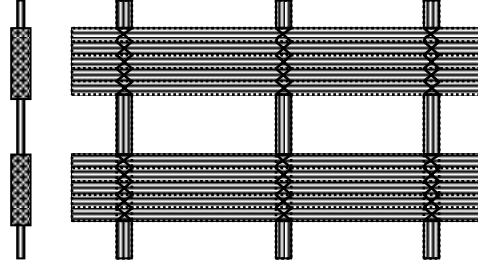


# ENVIRO™ ARTER™ GTS

## KNITTED PET, PP & GLASS GEOGRIDS



### PRODUCT SPECIFICATION

Material	High Tenacity Polyester	Nominal Unit weight gm/m <sup>2</sup>	Roll Size L X W m x m	Peak Tensile Strength kN/m	Peak Strain%	Load at 2% strain kN/m	Load at 5% strain kN/m	Coating materials	Long term Creep Strength kN/m	Specific Quality for interlocking effect	
Coating	EVA ( Ethylene Vinyl-acetate)										
Test methods		CE:EN13249-EN13250-EN13251-intended use: R, R+S									
Tolerance		±5%	±1%	±5%		±20%		±5%	±5%		
Product code				MD	TD	MD	TD				
PET Technical Textile in Grid form	GTS 55-20	175	4.4x100	60	25	10	10	11	28	EVA or PVC	33
	GTS 80-20	225		90	25			17	40		48
	GTS 110-20	270		130	25			22	49		66
	GTS 150-20	380		170	25			28	72		90
	GTS 200-10	475		220	25			46	104		120
	GTS 200-20	490						46	105	EVA or PVC	120
	GTS 300-20	630	300			10	10	70	150		183
	GTS 400-20	790	400					85	165		244
	GTS 500-20	1060	500					95	180		305
	GTS 600-20	1190	600					115	210		366
	GTS 700-30	1330	600					123	224	427	
	GTS 800-30	1460	600			138	238	488			
	GTS-a 20-20	115	25	25	4.4x100	2.5	2.5	6	11	EVA or PVC	12
GTS-a 50-50	260	55	55	11				25	30		
GTS-a 100-100	470	105	105	23				51	61		
GTS-ag 50-50	275	55	55	29							
Glass Fibre Grid	GTS-ag 75-75	360	2.65x100	80	80			43	n.a.		n.a.
	GTS-ag 100-100	470		110	110	58					

<b>CHARACTERISTICS*</b>	ENVIRO™ ARTER™ TECHNICAL TEXTILE Uniaxial or Biaxial products are produced using select Polyester (PET) high tenacity directionally oriented fibers or Glass fibre, bundled into yarn and Knitted into directionally oriented structure (K-DOS) using advanced knitting technology, resulting grid coated with EVA/PVC, stabilized against UV degradation. K-DOS knitted Geogrid products are inert against normally occurring acids, alkalis and mineral salt present in soil, unaffected when used within Pulverised Fuel Ash (Fly Ash), 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 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 are used extensively as soil reinforcement, such As Reinforced Soil/ Fly Ash Retaining Structures, Slope Reinstatement For Highways, Railways, High Embankment Construction, Steep Slope Repair, Landside Remediation, Hill Slope Stabilization, Blast Wall, Sound Barrier And Traverse Construction, Slope Stabilization etc.

ENVIRO™ & ARTER™ are registered Trade Marks  
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**ENVIROGEO™**  
*Assuring Sustainable Environment*