

GeofanNet B

Technical Data Sheet

GeofanNet June 2019

Geonets are among the most proven geosynthetics drainage systems. Manufactured from two, or three strands of extruded hdpe which are overlaid across each other, this material forms a void within which water can be transmitted and reduces pore water pressure.

GeofanNet loses little drainage capacity when put under pressure or normal loading.

Applications include:

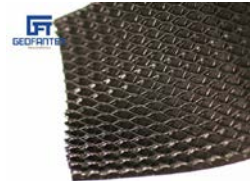
Behind retaining walls

Horizontal plaza drainage / green roof systems

Landfill capping systems

Landfill leachate drainage systems

We can supply G-Net with filter geotextiles bonded to one or both sides giving a effective drainage composite system.



Physical Properties

Properties	Units	Standard	Specification			
Geocomposite properties						
Puncture resistance	Kn/m	[ASTM D7055]	0.17	0.17	0.17	0.17
Hydraulic conductivity	M2/s	[ASTM D4716]	2.8x10 ⁻³	3.2x10 ⁻³	4.0x10 ⁻³	5.0x10 ⁻³
Geonet properties						
Density/Specific Gravity	g/cm3	[ASTM D1505]	0.94			
Carbon Black Content	%	[ASTM D1603]	2			
Strip Tensile Properties	Kn/m	[ASTM D7179]	8	10	12	14
Thickness	mm	[ASTM D5199]	6.3	7	8	9
Hydraulic conductivity	M2/s	[ASTM D4716]	2.0x10 ⁻⁴			
Geotextile properties						
Mass per unit	g/m2	[ASTM D5261]	100-250			

Geotextile types

PET OR PP STAPLE FIBER AND PET CONTINUOUS FILAMENT NONWOVEN GEOTEXTILE

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