

GeofanNet Range

Technical Data Sheet

GFT GeofanNet Jan. 2018

Geonets are among the most proven geosynthetics drainage systems. Manufactured from two, or three strands of extruded hdpe which are overlayed 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:

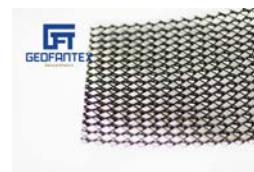
Behind retaining walls

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 cost effective drainage composite system.



Physical Properties

Properties	Units	Standard	Specification
Thickness	mm	[ASTM D5199@20kpa and 200kpa]	5.4/4.97
Mass/Unit Area	g/m ²	[ASTM D5261]	660
Density/Specific Gravity	g/cm ³	[ASTM D792, Method A]	0.942
Carbon Black Content	%	[ASTM D4218]	2
Strip Tensile Properties	Kn/m	[ASTM D5035]	7.57
Compressive Behavior	mm	[ASTM D6364]	6.13
Compressive Behavior	Kn/m ²	[ASTM D1621]	3284

Hydraulic Transmissivity[ASTM D4716]

Properties	Units	Parameter	Specification
Flow Rate	M ² /s	I=1 δ v=20kpa	2.25E-03
		I=1 δ v=50kpa	2.13E-03
		I=1 δ v=100kpa	2.05E-03
		I=1 δ v=200kpa	1.64E-03
		I=1 δ v=500kpa	5.12E-04

Above values are on an average basis, the data was obtained from in-house test laboratory, National test institutes and international test institutes. GFT keeps the right of data changes and the final explanation right. Liability Exclusion: This publication should not be construed as engineering advice. While information contained here is accurate to the best of our knowledge, GFT does not warrant its accuracy or completeness. The only warranty made by GFT for its products is set forth in our Product Test Report accompanies our shipment of the products, or such other written warranty as may be agreed by GFT and customer. GFT specifically disclaims all other warranties, express or implied, including without agreed by GFT and customer. GFT specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or arising from provision of samples, a course of dealing or usage.



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