

# Technical Data Sheet

## Envirotex SymbioPark



<b>Product</b>	Decontamination geocomposite
<b>Composition</b>	Polypropylene, activated carbon, biostimulant nutrients, and fungal strain
<b>Main Function</b>	Filtration and decontamination of contaminated soils

Envirotex SymbioPark is an innovative, preventive, and environmentally friendly solution designed to filter and decontaminate runoff and infiltration water in order to protect groundwater and preserve the environment. It is composed of two layers of anti-contaminant geotextiles enclosing activated carbon, biostimulant nutrients, and fungal strains. Envirotex SymbioPark is installed in the soil, between two layers of materials, in the same manner as a conventional separation/filtration geotextile.

Property	Test Method	Upper Geotextile	Lower Geotextile
<b>Physical</b>			
Weight	ASTM D5261	200 g/m <sup>2</sup>	300 g/m <sup>2</sup>
Thickness	ASTM D5199	2.2 mm	2.8 mm
<b>Mechanical</b>			
Tensile strength	ASTM D4632	800 N	1 300 N
Wide width tensile strength	ASTM D4595	12.5 kN/m	21 kN/m
Elongation at break	ASTM D4595	70%	
Tear resistance	ASTM D4533	240 N	380 N
CBR puncture	ASTM D6241	2 000 N	3 300 N
UV resistance	ASTM D4355	50%	
<b>Hydraulic</b>			
Permittivity	ASTM D4491	1.8 s <sup>-1</sup>	1.1 s <sup>-1</sup>
AOS <sup>1</sup>	ASTM D4751	110 µm	90 µm

Property	Test Method	Envirotex SymbioPark
<b>Physical</b>		
Weight of activated carbon, biostimulant nutrients, and fungal strains	-	80 g/m <sup>2</sup>
Total weight of the geocomposite	-	580 g/m <sup>2</sup>
<b>Dimensions</b>		
Width × Length	-	4m x 50m

The information originates from the manufacturer and has been transcribed by Texel. Properties are based on Minimum Average Roll Values (MARV) unless otherwise specified. The listed values are those obtained at the time of manufacturing. Handling and storage conditions may alter certain properties.

<sup>1</sup> Maximum Value

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