

TECHNICAL DATA SHEET



DESCRIPTION

Groundtex is a woven geotextile fabric manufactured from 100% polypropylene slit film tapes.

APPLICATIONS

Groundtex is typically used for ground stabilisation as a separation/reinforcement layer or as a heavy duty weed suppressant in landscape, building/construction, groundworks and civil engineering. It can be used in a number of applications including;

- Roads and driveways
- Railway construction
- Car parks and areas of hardstanding
- Paved areas
- Earthworks, foundations and retaining structures
- Erosion control systems

PROPERTIES	TEST METHOD	UNIT	VALUE	TOLERANCE
Tensile Strength (MD = Machine Direction CMD = Cross Machine Direction)	EN ISO 10319	kN/m	MD = 12.01 CMD = 11.20	- 1.00
Elongation (MD = Machine Direction CMD = Cross Machine Direction)	EN ISO 10319	%	MD = 18.60 CMD = 16.20	+/- 1.00 +/- 0.50
Dynamic Perforation Resistance (Cone Drop)	EN ISO 13433	mm	30.00	+ 2.00
Static Puncture Resistance (CBR)	EN ISO 12236	kN	1.5	- 0.10
Characteristic Opening Size (Pore Size) O ₉₀	EN ISO 12956	µm	200	+/- 10.00
Water Flow/Permeability	EN ISO 11058	l/(m ² s)	4.8 x 10 ⁻²	- 0.2 x 10 ⁻²
Mass per unit area	EN ISO 9864	g/m ²	83.0	
Sizes	-	m	1 x 15, 1 x 50, 1 x 100, 1.5 x 50, 2 x 10, 2 x 25, 2 x 50, 2 x 100, 4.5 x 11, 4.5 x 100	
Durability	-		To be covered within 1 month of installation. Predicted to be durable for 25 years in natural soils with 4 ≤ pH ≤ 9 and soil temperatures ≤ 25°C, on the basis of the test results of test method in B.4.2.2 and test duration 28 days.	
Effect of UV light	-		The polypropylene used in the manufacture of this product contains a UV inhibitor	

The information contained in this data sheet replaces any previous information and all specifications and technical data appearing here must be used as guidelines, since they correspond to average values tested at laboratory. It is the responsibility of all users to satisfy themselves that the above data is current. This technical data sheet does not offer any warranty (express or implied) regarding the suitability of any product for your use as site conditions and requirements can vary. Growtivation reserves the right to alter product specifications and technical data without prior notice.

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