

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
Tensile Strength (MD = Machine Direction CMD = Cross Machine Direction)	EN ISO 10319	kN/m	MD = 11.7 CMD = 10.6
Elongation (MD = Machine Direction CMD = Cross Machine Direction)	EN ISO 10319	%	MD = 19 CMD = 16
Dynamic Perforation Resistance (Cone Drop)	EN ISO 918	mm	30
Static Puncture Resistance (CBR)	EN ISO 12236	N	1461
Characteristic Opening Size (Pore Size) O_{90}	EN ISO 12956	μm	202
Water Flow/Permeability	EN ISO 11058	cm/s	4.7×10^{-3}
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 on the day of installation. Predicted to be durable for a minimum of 25 years in natural soil with $4 < \text{pH} < 9$ and soil temperatures $< 25^\circ\text{C}$
Effect of UV light	-		The polypropylene used in the manufacture of this product contains a UV inhibitor

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