

TECHNICAL DATA SHEET



DESCRIPTION

Draintex is a non-woven geotextile fabric manufactured from 100% virgin polypropylene fibres giving excellent durability and mechanical resistance.

APPLICATIONS

Draintex is typically used for ground stabilisation and drainage/filtration in groundwork, civil engineering, landscape and building works. It can be used for separation, filtration, drainage and reinforcement in a variety of applications including;

- Roads and driveways
- Highways
- Railway construction
- Car parks and areas of hardstanding
- Paved areas
- Land drains, soakaways and SUDS installations.

PROPERTIES	TEST METHOD	UNIT	VALUE	TOLERANCE
Tensile Strength (MD = Machine Direction CMD = Cross Machine Direction)	EN ISO 10319	kN/m	MD = 6.00 CMD = 6.00	- 0.78
Elongation at maximum load (MD = Machine Direction CMD = Cross Machine Direction)	EN ISO 10319	%	MD = 45 CMD = 49	+/- 10.40 +/- 11.30
Dynamic Perforation Resistance (Cone Drop)	EN ISO 13433	mm	40.00	+ 10.00
Static Puncture Resistance (CBR)	EN ISO 12236	kN	0.89	- 0.089
Characteristic Opening Size (Pore Size) O ₉₀	EN ISO 12956	µm	140.00	+/- 42.00
Water Flow/Permeability	EN ISO 11058	l/m ² s	120.00	- 36.00
Water flow capacity in the plane at 20 kPa	EN ISO 12958	m ² /s	-	-
Mass per unit area	EN ISO 9864	g/m ²	80.00	+/- 8.00
Thickness under 2 kPa	EN ISO 9863-1	mm	1.00	+/- 0.20
Size(s)	-	m	4.5 x 11.1, 4.5 x 100	-
Durability	EN ISO 12224	Can be left exposed for a maximum of 2 weeks following installation.		
Oxidation Resistance	EN ISO 13438 (applicable application standard: Annex B)	Predicted to be durable for ≤ 50 years in natural soil with 4 < pH < 9 and temperatures < 25°C		

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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