

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	0.95	+/- 0.19
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	Predicted to be durable for a minimum of 25 years in natural soil with 4 < pH < 9 and temperatures < 25°C		

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