



# T1000 Non Woven GeoTextile Membrane

## Technical Specification

The T1000 range of Staple Fibre Needle Punched and Thermally Bonded Nonwoven Geotextiles have been designed to offer optimum performance per unit weight. Their resulting mechanical robustness and excellent hydraulic properties make them the ideal choice for separation and filtration. Produced on state of the art equipment, the T1000 geotextile range sets standards in terms of quality and mechanical performance.



Typical applications for TNW thermally bonded non woven geotextiles include:

### Typical Uses and Applications:

- As a general purpose separator for use under site access roads and areas of hard standing
- As a separation and strengthening layer under new roadways, car parks, industrial units etc.
- As a filter surround in the construction of a French drain or granular drainage blanket
- For separation: to prevent the intermixing of dissimilar soil layers
- For filtration: to allow the passage of fluids whilst preventing the uncontrolled passage of soil

Properties	Test Method	Unit	T1000
Tensile Strength - MD	EN ISO 10319	kN/m	8.4
Tensile Strength - XD	EN ISO 10319	kN/m	9.8
Elongation at Break - MD	EN ISO 10319	%	85.0
Elongation at Break - XD	EN ISO 10319	%	60.0
CBR Puncture Resistance	EN ISO 10319	N	1500
Dynamic Core Drop	EN ISO 10319	Mm	25.0
Hydraulic Properties	Test Method	Units	T1000
Characteristics Opening size	EN ISO 10319	UM	110.0
Permeability	EN ISO 10319	m/s	110x10 <sup>3</sup>
Waterflow normal to the plane	EN ISO 10319	l/m <sup>2</sup> .s	120
Physical Properties	Test Method	Units	T1000
Thickness Under 2kPa	EN ISO 9863-1	mm	0.85
Weight	EN ISO 9864	g/m <sup>2</sup>	115
Roll Size		m	4.5x100m
Roll Diameter (+/- 10%)		cm	30

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