

PRODUCT DESCRIPTION

The TNW range of 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 TNW geotextile range sets standards in terms of quality and mechanical performance.



TYPICAL APPLICATIONS FOR TNW NON WOVEN GEOTEXTILES INCLUDE:

- As a general purpose separator for use under site access roads and areas of hardstanding.
- 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.

TEST	STANDARD	TNW 1000	
TENSILE STRENGTH (kN/m)	EN ISO 10319	MD	6
		CD	6
ELONGATION AT MAX. LOAD (%)	EN ISO 10319	MD	36
		CD	42
CBR PUNCTURE RESISTANCE (N)	EN ISO 12236		1050
CONE DROP PENETRATION (mm)	EN ISO 13433		48
PORE SIZE 90% FINER THAN (microns)	EN ISO 12956		128
WATER PERMEABILITY V_{lH50}	EN ISO 11058		0.144
WATER FLOW RATE (l/m ² /sec)	EN ISO 11058		144
EFFECT OF UV LIGHT	THE POLYPROPYLENE (pp) USED CONTAINS A UV INHIBITOR		
ROLL SIZE (m)			4.5 x 100

All products are manufactured under BS EN ISO 9001

1. TCS Geotechnics is a trading name of Technical Civils Solutions Ltd.
2. TCS Geotechnics Ltd reserves the right to alter product specifications without prior notice.
3. It is the responsibility of all users to satisfy themselves that the above data is current.
4. The above figures are typical values obtained from testing to current EN ISO standards.
5. TCS Ltd cannot accept responsibility for the performance of these products as the conditions of use are beyond our control.
6. Installation details are available on request.