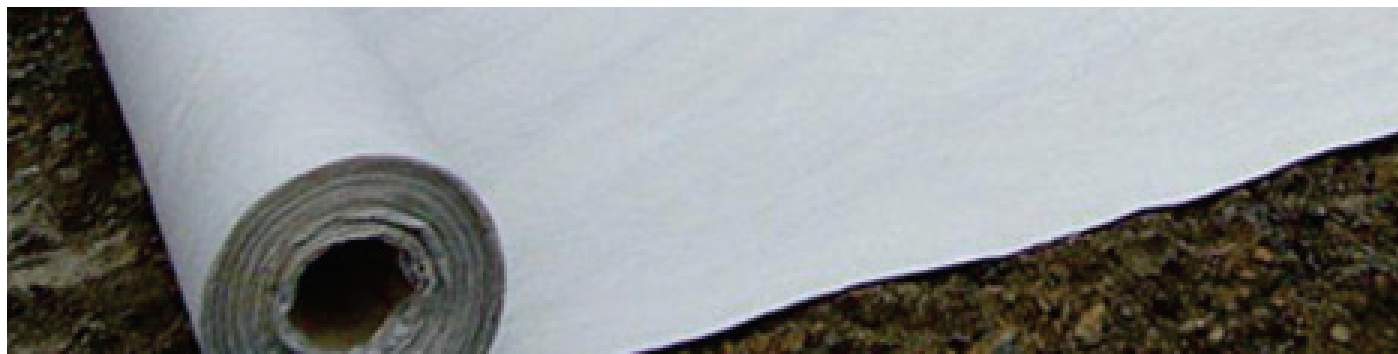


The GeoTek™ range of needle-punched non woven geotextiles are manufactured from 100% Polyester continuous filaments. They are characterised by a high resistance to installation damage, high water permeability and are naturally UV resistant.

GeoTek™ Geotextiles are highly resistant to commonly encountered soil chemicals, mildew, insects, and acid or alkaline environments. GeoTek™ is non-biodegradable and is available in a range of grades depending on the particular engineering application required.

GeoTek™ non woven geotextiles are manufactured to the highest international standards and have ISO9001:2008 accreditation. As a result you can rest assured that, when you use GeoTek™ geotextiles for your construction project, you will receive the same top quality from the first to last metre on the roll.



Mechanical Properties	Standard	Units	Stats	GT14A	GT24B	GT34C	GT44D	GT54E	GT64
Tensile Strength MD/CD	AS3706.2-12	kN/m	Typical	11.0 10.0	15.0 14.0	20.0 18.0	26.0 25.0	35.0 33.0	38.0 36.0
Tear Strength MD/CD	AS3706.3-12	N	Typical	280 270	350 340	460 450	590 560	850 820	1000 950
CBR Burst Strength	AS3706.4-12	N	Typical	1750	2540	3300	4200	5600	6300
G Rating	Austrroads	-	Typical	1350	2100	2600	3400	5000	5800
Grab Tensile MD/CD	AS3706.2-12	N	Typical	600 580	950 890	1200 1100	1700 1600	2200 2100	2400 2300
UV Resistance	ASTM D4355	%	Typical	>50 Retained					
Hydraulic Properties									
Flow Rate @ 100mm Head	AS3706.9-12	l/m ² /s	Typical	200	200	180	130	90	50
Permittivity	AS3706.9-12	s ⁻¹	Typical	2.2	2.2	1.8	1.3	0.9	0.5
Pore Size O ₉₅	AS3706.9-12	micron	Typical	<120	<120	<120	<110	<90	<75
Product Dimensions									
Roll Length		M		250	150	100	100	75	50
Roll Width		M		3 / 6	3 / 6	3 / 6	3 / 6	6	6

The values given are average values in our laboratory and in testing institutes. The right is reserved to make changes without notice at any time. The information contained herein is furnished without charge or obligation and the recipient assumes all the responsibility for its use. Because conditions for use and handling may vary and are beyond our control, StrataGreen makes no representation about, and is not responsible or liable for, the accuracy or reliability of said information or performance of any product. Any specification, properties or applications listed herein are provided as information only and in no way modify, amend, enlarge or create any warranty. Nothing contained herein is to be construed as permission or as any recommendation to infringe any patent.



GeoTek™

non woven geotextile

All GeoTek™ non woven, needle-punched geotextiles are manufactured to Australian Quality Standards in an ISO 9001:2008 accredited manufacturing facility.

QLD MRTS27 (06/09) & NSW RMS R63 (November 2008 Rd3 Rev 0) & NZ TNZ F/7 (2003)

Grade	Strength Class	Grab Tensile Strength	Trapezoidal Tear Strength	G Rating	EOS - Pore Size - O ₉₅	Flow Rate (Q ₁₀₀)
		N	N	-	µm	l/m ² /s
		AS2001.2.3b	AS3706.3	Austroroads 90	AS3706.7	AS3706.9
		Q Value	Q Value	Q Value	Mean	Mean
GT14A	A	> 500	> 180	> 900	≤ 120	> 50
GT24B	B	> 700	> 250	> 1350	≤ 120	> 50
GT34C	C	> 900	> 350	> 2000	≤ 120	> 50
GT44D	D	> 1200	> 450	> 3000	≤ 120	> 50
GT54E	E	> 1600	> 650	> 4500	≤ 120	> 50

The data and specifications contained in this table are obtained from the manufacturer's laboratory testing. To ensure this information is current, please contact StrataGreen.

NOTES:

- 1 Permittivity / Q₁₀₀ - NSW and NZ ranges do not require characteristic Q values, however QLD Q value specification is met by all GeoTek™ geotextiles.
- 2 Characteristic value (Q) = Mean - 0.83 x standard deviation of the lot tested.
- 3 All grades meet filtration class 1-V11 for MRTS27
All grades meet filtration class 1-5 for R63
All grades meet filtration class 1-4 for F/7

GeoTek™ is a trade mark of StrataGreen.

DISCLAIMER:

The information contained in this data sheet is general in nature. In particular, the content does not take into account of specific conditions which may be present at your site. Site conditions may alter the performance and longevity of the product. In extreme cases, site conditions may make the product wholly unsuitable. Actual dimensions and performance may vary. If your project requires accuracy to a specific tolerance level, you must advise StrataGreen or its representatives before ordering the product. Advice can be given and confirmation if the product will meet the required tolerance. Where provided, installation instructions cover installation of product in site conditions which are conducive to its use and optimum performance. If in any doubt of installation instructions or applications to your site, please contact StrataGreen or its representatives for clarification before commencing installation. This "Data Sheet" should not be used for construction purposes and in all cases, it is strongly recommended that advice be obtained from suitably qualified engineering consultants or industry specialist before proceeding with installation of GeoTek non woven geotextiles.

© Copyright held by StrataGreen.
All rights reserved - No production of this publication, in parts or in whole may be copied or reproduced without prior written approval or consent.

