

Fibertex geotextiles are used in building and construction works for separation, filtration, drainage, protection, stabilisation and reinforcement. Fibertex geotextiles are manufactured from virgin polypropylene fibres with added UV stabiliser. The basic strength of the Fibertex geotextiles is obtained by needle punching the polypropylene fibres, which provides strong elastic bonding. Fibertex is highly durable and resistant to all natural occurring soil alkalis and acids.

Reference: **GRI GT 12 (a) – ASTM Version – Standard Specification for “Test Methods and Properties for Nonwoven Geotextiles Used as Protection (or cushioning) Materials” as published by the Geosynthetic Research Institute, (Revision 2, March 3, 2016)**

SPECIFICATIONS

		<u>CLASS</u> 340	<u>CLASS</u> 406	<u>CLASS</u> 542	<u>CLASS</u> 812	<u>CLASS</u> 1080	<u>CLASS</u> 1500⁽³⁾	<u>CLASS</u> 2000	
Properties ⁽¹⁾									
Mass per unit area	g/m ²	340	406	542	812	1080	1540	2000	ASTM D5261
Grab Tensile Strength	kN	1.02	1.33	1.64	2.00	2.25	2.53	2.80	ASTM D4632
Grab Tensile Elongation	%	50	50	50	50	50	50	50	ASTM D4632
Trapezoidal Tear Strength	kN	0.42	0.51	0.64	0.89	0.96	1.12	1.27	ASTM D4533
Puncture (CBR) Strength	kN	3.11	3.56	4.00	4.90	7.56	9.08	10.60	ASTM D6241
UV Resistance ⁽²⁾	%	70	70	70	70	70	70	70	ASTM D7238
Roll Dimensions									
Widths (Max.)	m	5.2 / 6.0							
Length (Max.)	m	100	50	50	50	50	50	50	

Notes:

1. All values are minimum average roll values (MARV) except UV Resistance which is a minimum value.
2. Evaluation to be on 50mm strip tensile specimens per ASTM D-5035 after 500 lt. hrs. exposure.
3. Class 1500 is not included in the specification but derived from Class 1080 and Class 2000.

Fibertex geotextiles are manufactured to ISO 9001:2008 quality management procedures.

The information contained in this publication is provided in good faith and to the best of our knowledge is true and accurate. Fibertex South Africa reserves the right to make technical modifications to their products without notice.

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