

**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 13 (b) – ISO Version – Standard Specification for “Test Methods and Properties for Geotextiles Used as Separation between Subgrade Soil and Aggregate” as published by Geosynthetic Institute, (Revision 1, December 19, 2012)**

## SPECIFICATIONS

		<b>CLASS 1</b> High Survivability (Elong. >50%)	<b>CLASS 2</b> Moderate Survivability (Elong. >50%)	<b>CLASS 3</b> Low Survivability (Elong. >50%)	
<b>Properties <sup>(1)</sup></b>					
<b>Grab Tensile Strength</b>	N	800	630	450	EN ISO 13934-2
<b>Trouser Tear Strength</b>	N	300	210	150	EN ISO 13937-2
<b>CBR Puncture Strength</b>	N	2 000	1 400	1 000	EN ISO 12236
<b>Permeability</b>	m/sec	0.01	0.01	0.01	EN ISO 11058
<b>Apparent Opening Size</b>	micron	500	500	500	EN ISO 12956
<b>UV Stability <sup>(2)</sup></b>	% Str. Ret. @ 500 lt. hrs.	80	70	60	ASTM D-7238
<b>Roll Dimensions</b>					
<b>Widths (Max).</b>	m	5.2 / 6.0			
<b>Length (Max.)</b>	m	100	150	150	

### Notes:

- All values are minimum average roll values (MARV) except AOS which is a maximum average roll value (MaxARV) and UV Stability which is a minimum average value.
- Evaluation to be on 50mm strip tensile specimens per ASTM D-5035 after 500 lt. hrs. exposure.

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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• CUSPATED SHEETS • GEOBAGS • GCLs • GEOMEMBRANE