

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 (a) – ASTM Version – Standard Specification for “Test Methods and Properties for Geotextiles Used as Separation between Subgrade Soil and Aggregate” as published by Geosynthetic Institute, (Revision 4, June 20, 2017)**

SPECIFICATIONS

		CLASS 1 High Survivability (Elong. >50%)	CLASS 2 Moderate Survivability (Elong. >50%)	CLASS 3 Low Survivability (Elong. >50%)	
Properties ⁽¹⁾					
Grab Tensile Strength	N	900	700	500	ASTM D4632
Trapezoidal Tear Strength	N	350	250	180	ASTM D4533
CBR Puncture Strength	N	2 000	1 400	1 000	ASTM D6241
Permittivity	sec ⁻¹	0.02	0.02	0.02	ASTM D4491
Apparent Opening Size	mm	0.60	0.60	0.60	ASTM D4751
UV Stability ⁽²⁾	% Str. Ret. @ 500 lt. hrs.	80	70	60	ASTM D7238
Roll Dimensions					
Widths (Max.)	m	5.2 / 6.0			
Length (Max.)	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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