

Fibertex Geotextile Sand Containers are made of very robust staple fibre geotextile layers sewn together with a UV stable polyester overlapped yarn. The Anti-Vandal layer is made from heavy, coarse highly UV stabilised polypropylene fibres which are designed to trap sand particles and promote growth of natural marine vegetation which enhances its durability characteristics.

<u>Outer Layer features:</u>	<u>Inner Layer Features:</u>
<ul style="list-style-type: none"> • Excellent durability and robustness • Abrasion resistant staple fibre • Vandal resistant • High friction resistance • High UV resistance • Neutral environmental colour -sandy 	<ul style="list-style-type: none"> • High Tensile Strength • High Penetration resistance • High permeability • Excellent fines retention

Properties	Units	Value	Test Method
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Geotextile Properties: Staple fibre geotextile

Mass (Combined for double layer)		g/m ²	1800	EN ISO 9864
Tensile Strength	Machine Direction	kN/m	62	EN ISO 10319-2008
	Cross direction	kN/m	74	
Puncture Resistance	CBR	N	13500	EN ISO 12236-2006
	Drop Cone	Mm	0	EN ISO 13433-2006
Water Flow Rate	(@ 50mm head)	l/s/m ²	20	EN ISO 11058:2010
Pore size	O ₉₀	Micron	60	EN ISO 12956:2010
Abrasion Resistance	BAW Rotating Drum	kN/m	>52	BAW Abrasion Test

Seam Strength Properties: Straight stitch with overlock.

Seam Strength	Machine Direction	kN/m	>62	EN ISO 10319-2008
	Cross direction	kN/m	>74	

UV Resistance Properties

Retained Tensile Strength after UV Exposure	After 500 Hrs	%	>70	ASTM D4355
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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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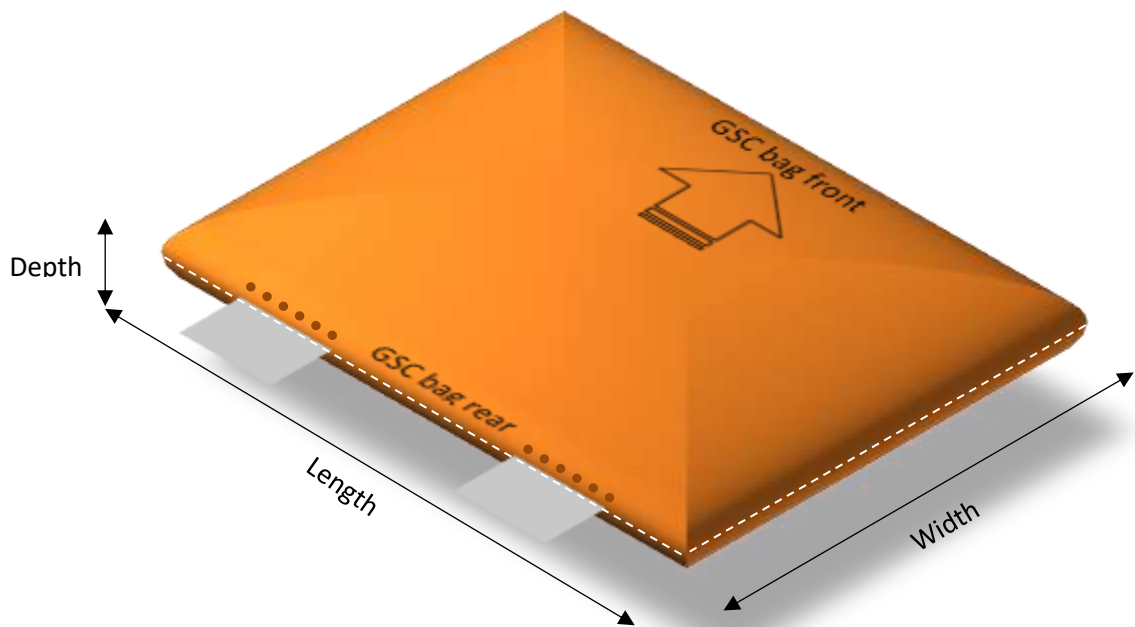
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** GEOTEXTILES • GEOGRIDS • SUBSOIL DRAINAGE PIPE & FITTINGS • GEOCELLS • COMPOSITE DRAINAGE SYTEMS • GABIONS & MATTRESSES
• CUSPATED SHEETS • GEOBAGS • GCLs • GEOMEMBRANE

Filled Properties

The geotextile sand containers once filled with wetted out sand and ready for placement with suitable equipment will have the following characteristics:

	Lay Flat (Unfilled) Dimensions	Filled Dimensions (approximate)
Length	2.5m	2.3m
Width	2.0m	1.8m
Depth	0.02m	>0.50m
Typical Mass	Approximately 18kg	Approximately 4000kg



Scour Flap/ Anchor Flap Option

An additional geotextile flap can be integrally connected to the container to assist in preventing under scour of sand filled container structures. *(Please note: This is not an ad-on, but a separate product, please refer to separate specification available)*