

Fibertex Geotextile Sand Containers are made of very robust staple fibre geotextile layers sewn together with a UV stable polyester overlapped yarn. The fabric is made from high tenacity polypropylene fibres, designed to be used as a heavy grade, load bearing core bag in coastal revetment and riverine erosion control structures

Geotextile Features:

- Neutral colour
- 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 (Single layer)		g/m ²	800	EN ISO 9864
Tensile Strength	Machine Direction	kN/m	37	EN ISO 10319-2008
	Cross direction	kN/m	37	
Puncture Resistance	CBR	N	6500	EN ISO 12236-2006
	Drop Cone	Mm	0	EN ISO 13433-2006
Water Flow Rate	(@ 50mm head)	l/s/m ²	25	EN ISO 11058:2010
Pore size	O ₉₀	Micron	70	EN ISO 12956:2010
Abrasion Resistance	BAW Rotating Drum	kN/m	>32	BAW Abrasion Test

Seam Strength Properties: Straight stitch with overlock.

Seam Strength	Machine Direction	kN/m	>37	EN ISO 10319-2008
	Cross direction	kN/m	>37	

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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• 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	1.3m	1.2m
Width	0.85m	0.8m
Depth	0.01m	>0.3m
Typical Mass	Approximately 1.7kg	Approximately 400kg

