

FiberROCK® 250V

PRODUCT DATA SHEET



FiberRock 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 stabilized polypropylene fibres, which are designed to trap sand particles and promote growth of natural marine vegetation, which enhances its durability characteristics.

SPECIFICATIONS

Geotextile Features (Outer Layer)	Excellent durability and robustness
	Abrasion resistant staple fibre
	Anti-Vandal resistant
	High friction resistance
	High UV resistance
	Neutral environmental sand colour
Geotextile Features (Inner Layer)	Virgin Polypropylene Staple Fibre geotextile
	Neutral white colour
	Excellent fines retention

PHYSICAL PROPERTIES		UNITS	VALUES	TEST METHOD
Mass (Combined for double layer)		g/m ²	1800	EN ISO 9864
Tensile Strength	MD / CMD	kN/m	83 / 90	ENISO 10319-2008
Puncture Resistance	CBR	N	17 300	EN ISO 12236-2006
	Drop Cone	mm	0	EN ISO 13433-2006
Water Flow Rate	(@ 50mm head)	l/s/m ²	18	EN ISO 11058:2010
Pore size	O _{90%}	Micron	91	EN ISO 12956:2010
Abrasion Resistance	BAW Rotating Drum	kN/m	>60	BAW Abrasion Test
Seam Strength (Straight stitch with overlock)	Machine Direction	kN/m	42 / 35	ENISO 10319-2008
Retained Tensile Strength after UV Exposure	After 500 Hrs	%	>70	ASTM D4355

DIMENSIONS

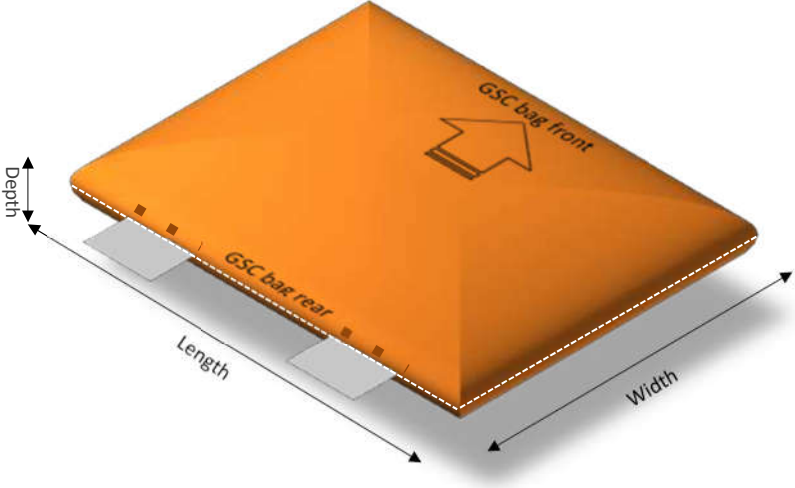
The geotextile sand containers once filled with wet sand and ready for placement with suitable equipment will have the following characteristics:

	Lay Flat (Unfilled) Dimensions	Filled Dimensions (approximate)
Length	2.50 m	2.30 m
Width	2.00 m	1.80 m
Depth	0.02 m	>0.50 m
Typical Mass	Approximately 12kg	Approximately 4 000 kg

NOTE: Scour Flap / Anchor Flap Option – Please refer to **FiberRock® 250VF** for details

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Installation guidelines supplied separately:
Fibertex geotextiles are manufactured to ISO 9001:2015 quality management procedures. Above technical values based on measurements in current production test results. Fibertex reserve the right to make changes without notice. Contact salesza@fibertex.com for latest version.