

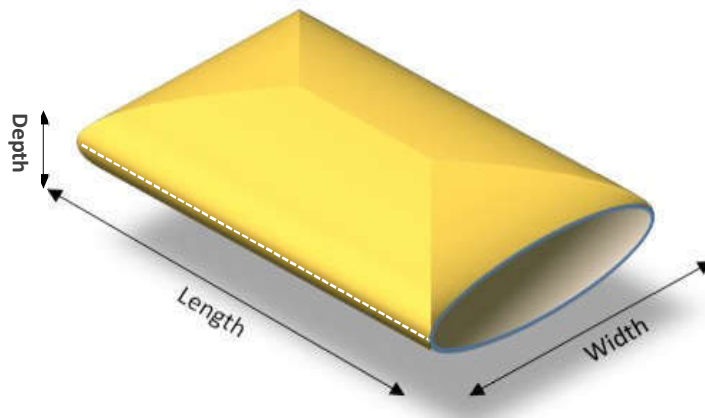
# FiberROCK® 100V

## PRODUCT DATA SHEET



**FiberRock Geotextile Sand Containers** are manufactured from robust virgin polypropylene staple fibre geotextile layers sewn together with a UV stable polyester overlapped yarn. The strength of the Fibertex geotextiles is obtained by needle-punching the PP fibres, which provides a strong elastic bond between the fibres. Fibertex geotextiles are highly durable and resistant to all natural occurring alkalis and acids. The Anti-Vandal layer is made from heavy, coarse highly UV stabilised polypropylene fibres, which is designed to trap sand particles and promote growth of natural marine vegetation, which enhances its durability characteristics.

SPECIFICATIONS				
Geotextile Features	Virgin Polypropylene Staple Fibre geotextile			
	Neutral environmental sand colour			
	Excellent fines retention			
PHYSICAL PROPERTIES		UNITS	VALUES	TEST METHOD
Mass (Single layer)		g/m <sup>2</sup>	1 200	EN ISO 9864
Tensile Strength	MD / CMD	kN/m	64 / 60	EN ISO 10319-2008
Puncture Resistance	CBR	N	10 300	EN ISO 12236-2006
	Drop Cone	mm	0	EN ISO 13433-2006
Water Flow Rate	(@ 50mm head)	l/s/m <sup>2</sup>	18	EN ISO 11058:2010
Pore size	O <sub>90</sub>	Micron	90	EN ISO 12956:2010
Abrasion Resistance	BAW Rotating Drum	kN/m	>50	BAW Abrasion Test
Seam Strength (Straight stitch with overlock)	MD/CMD	kN/m	37 / 35	EN ISO 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	2.36 m		2.20 m	
Width	1.45 m		1.40 m	
Depth	0.02 m		>0.40 m	
Typical Mass	Approximately 8.5 kg		Approximately 1 800 kg	



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](mailto:salesza@fibertex.com) for latest version.

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