

FiberROCK[®] 100S

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 fabric is made from high tenacity polypropylene fibers, designed to be used as a heavy grade, load bearing core bag in coastal revetment structures.

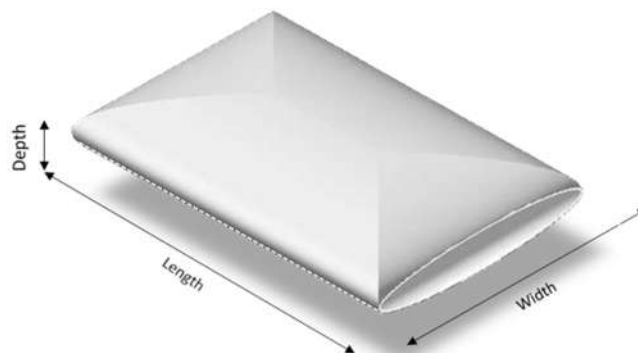
SPECIFICATIONS

Geotextile Features	Virgin Polypropylene Staple Fibre geotextile			
	White colour			
	Excellent fines retention			
PHYSICAL PROPERTIES		UNITS	VALUES	TEST METHOD
Mass (Single layer)		g/m ²	800	EN ISO 9864
Tensile Strength	MD / CMD	kN/m	55 / 60	EN ISO 10319-2008
Puncture Resistance	CBR	N	9 800	EN ISO 12236-2006
	Drop Cone	mm	≤ 1	EN ISO 13433-2006
Water Flow Rate	(@ 50mm head)	l/s/m ²	23	EN ISO 11058:2010
Pore size	O ₉₀	Micron	70	EN ISO 12956:2010
Abrasion Resistance	BAW Rotating Drum	kN/m	45	BAW Abrasion Test
Seam Strength (Straight stitch with overlock)	MD / CMD	kN/m	>50 / 58	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	2.36 m	2.20 m
Width	1.45 m	1.40 m
Depth	0.02 m	0.40 m
Typical Mass	Approximately 4.5 kg	Approximately 1800 kg



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.