

# FiberROCK<sup>®</sup> 250VF



## PRODUCT DATA SHEET

**FiberRock Geotextile Sand Containers** are made of very robust staple fibre geotextile layers sewn together with a UV stable polyester overlocked 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

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

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

### DIMENSIONS

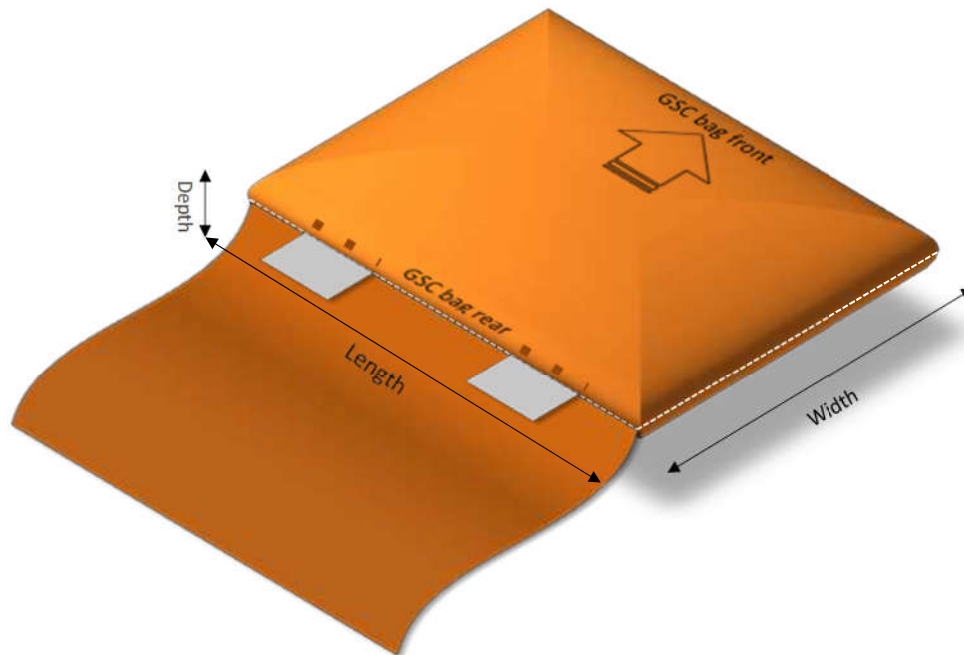
The geotextile sand containers once filled with wet sand and ready for placement with suitable equipment will have the following characteristics:

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

**NOTE: Includes Scour Flap / Anchor Flap option as an integral part of the GSC.**

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