



Sand Filled Geotextile Containers - 0.75m

SKU: SFGCA75

Geotextile sand containers (GSC) are containers filled with sand, crafted from geotextiles, and employed for coastal structures, dune stabilization, and safeguarding against erosion. They offer a substitute for traditional rock materials.

Geotextile Sand Containers (GSCs), are large containers filled mechanically with sand. These containers are utilized in coastal and groyne construction due to their considerable size, mass, and stability, especially in dynamic hydraulic conditions.

Product Features:

- **Size and Stability:** GSCs are designed to withstand dynamic hydraulic conditions, offering stability in coastal and groyne construction.
- **Mechanical Filling:** Filling is done mechanically, ensuring consistency and efficiency in the process.
- **Training Provided:** Proper technique for filling and sealing GSCs can be learned through provided training sessions.
- **Volume Installations:** HEIGER offers frames for rapid filling of GSCs, facilitating large-scale installations.
- **Closure Mechanism:** The closure process involves rolling up the filling tube, tying it off, and threading a polyester cord through pre-made holes for secure closure.

Placement and Installation:

Placement of the 0.75m³ GSCs requires suitable equipment to prevent distortion during relocation, such as an excavator. These containers feature four lifting points to minimize distortion and facilitate installation. Handling should be minimized to maintain the GSC's shape and reduce strain on the geotextile and seams. Adequate temporary protection should be employed if equipment must be driven or moved over the GSC. During installation, GSCs should be laid on prepared surfaces without wrinkles, gaps, folds, slack, or deformation. The applications of GSCs include sea walls, beach and dune stabilization, scour protection for waterfront structures, erosion control, filling washed-out material in dams, and soil stabilization in dams.

Specification

volume: 0.75m³

Material: Polyester