

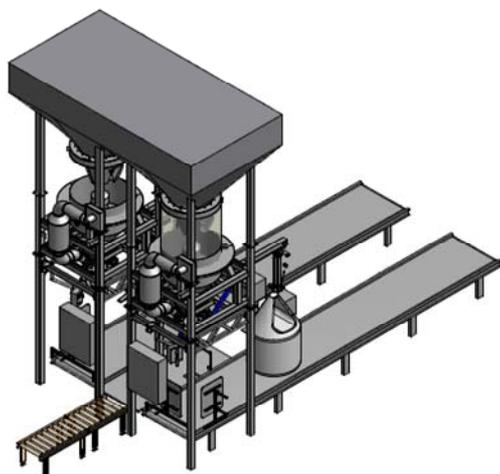


In close cooperation with our international market and manufacturing network, Goodtech Solutions delivers superior, cost-effective materials handling products, solutions and services in selected markets throughout the world. For more than 20 years the familiar PORTABULK® logo has been utilised to promote and identify our technology.

Utilising our leading materials handling technology known as the **PORTABULK® System**, Goodtech Solutions is an established project partner in all stages of the logistics process and has designed and commissioned more than 140 FIBC filling and handling systems to customers in a variety of segments, including chemicals, salt, feed, fertiliser and cement.



Goodtech offers customers a selection of filling systems, handling tools, technical back-up, consultancy service, printing and data-capture equipment and other accessories all of which are fully compatible with **PORTABULK® Flexible Intermediate Bulk Container (FIBC)**.



Our filling equipment product range comprises cost-efficient solutions for net, gross and automated filling applications. The machinery can be further adapted by an experienced technical sales team to suit specific customer requests.

Filling equipment from Goodtech complies with prevailing safety and environmental regulations and filling rates extend up to 150mt/h according to machine, product and FIBC type.



The easily-recognisable, integrated-lift PORTABULK® FIBC spearheads the PORTABULK® System.



PORTABULK® FIBCs typically consist of a load-bearing outer - manufactured from woven Polypropylene (PP) - and an inner barrier component – made from Polyethylene (PE) film.

The various types of PORTABULK® FIBCs are designed on the principle that the vertical tapes in the woven outer form the integrated lifting point. This provides a highly cost-effective packaging solution by which maximum lifting strength with a given weave structure eliminates the need for additional lifting loops. As such, PORTABULK® FIBCs use the minimum of plastic per unit for a specified Safe Working Load (SWL).

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Portabulk® FIBCs currently available can be designed with 1-loop, 2-loops or 4-loops lift; typical sizes range from 500 - 1 500 kg SWL; they can be utilised and are certified for either non-Dangerous Goods or Dangerous Goods purposes; they can be certified for “single-trip” or “multi-trip” applications; they can be used in conjunction with palletised and reeled filling systems and they can handle most bulk commodities, from fluidised powders to heavyweight particles.

Within the PORTABULK® range there is a great deal of flexibility to meet a customer's requirements by being able to customise the **FIBC weight (SWL) / FIBC diameter / FIBC Filling height** to suit a wide range of product **Bulk Densities**.

As examples, we have:

***WEIGHTS** - Within the Portabulk® range we typically work with FIBCs between 500 kg and 1500 kg.

***DIAMETERS** - Normal FIBCs can be made with 80 cm Ø up to 127 cm Ø.

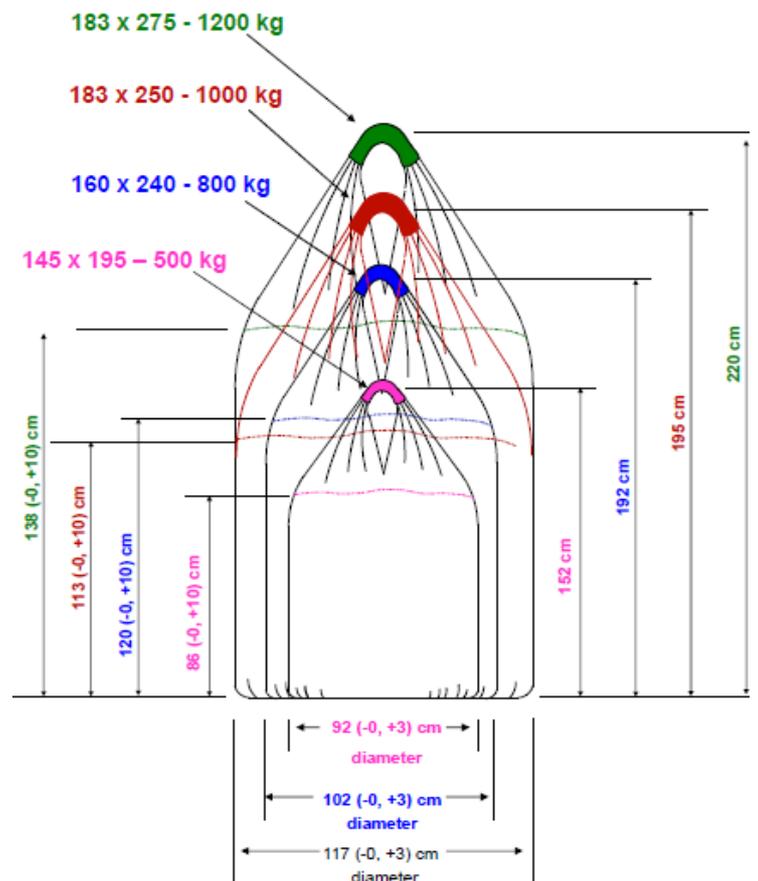
***FILLING HEIGHTS** - These can be adjusted to cope with a variety of Bulk Densities.

***VARIOUS TOP/BASE/LINER** design and construction options are available depending on functional requirements or preferences.

***SLEEVES** - for ease of handling through a single point and also for colour-coded product differentiation.

***PRINTING** - for customer identification, product designation and statutory information.

Portabulk® FIBC



For additional information about the **PORTABULK® System**, please visit our website:

www.portabulk.com