

HYDROSACK®

*Possibly the most important development
in emergency flood protection
since the invention of the sandbag*



Gravitas 
International Ltd

Manufacturers dedicated to creating environmentally beneficial products

HYDROSACK®

The HydroSack® is the solution to the deficiencies of the sandbag that have frustrated users for over 100 years.

What is wrong with sandbags?

Besides their inherent poor performance as a flood water barrier, sandbags are difficult to store, taking up substantial warehousing for unknown periods of time in anticipation of an emergency. They are excessively heavy and difficult to carry, each weighing approximately 15-20 kilos.

Sandbags cannot be easily disposed of and serious on-costs are incurred by trucking them away after use. They are not environmentally friendly for they cannot be emptied into the earth after use.



Sandbags not only leak and filter water through them but they are also capable of carrying infectious diseases emanating from sewage-polluted water.



What are the advantages of the HydroSack®?

The HydroSack® is less than 10% of the weight of a sandbag before contact with water and can be easily stored in bulk awaiting their need. It will absorb up to 20 litres of water which crystallise and will retain its weight for up to six months.

Since the HydroSack® only contains pulp and super absorbent polymer, both are harmless to the environment and, after slitting the sack, they can be emptied into the soil without any harmful effects.

HydroSack® is the state of the art in emergency flood protection in performance, cost efficiency, storage and ease of use.



HydroSack® is available in various colours according to the situation required and they have handles for easy movement, especially in



emergency conditions. The unique 3-section structure of the HydroSack® allows a controlled spread which prevents the contents from moving from side to side.



HydroSack® is manufactured in the UK exclusively by:

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HydroSack Technical Detail

Length:	60cm	Internal Pads:	Pads x9 per/sack Super Absorbent Polymer (SAP) Pulp
Width:	48cm	Non Toxic, ECO friendly	
Absorption:	15-20 litres	Flood Water Depth:	5cm of water per/sack
Inflation time:	2-3 minutes	Flood Water Depth When Folded:	10cm of water per/sack
Weight before:	0.5 kilos	Flood Water Length:	45cm per/sack
Weight after:	15-20 kilos		
Handles:	2		
Outer fabric:	Non Woven Polypropylene Hydrophilic finish		