

The Stormbag

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The StormBag is revolutionary product that allows first responders the ability to lay down a protective sandbag wall using minimal people and equipment. The product requires no sand and hydrates automatically when immersed in water. One (13 oz. dry weight) StormBag is equivalent to a 33 lbs. traditional sandbag once hydrated. It is specifically designed to allow for tireless respective motion as recommend by OSHA (under 35 lbs.).

The Stormbag utilizes a superior blend of organic fibers for its outer shell while employing a special cotton liner to allow maximum absorption of water. The design also created a highly durable product that requires no special care when used in rugged operations. This blend along with its absorption polymer produces a product that is totally environmentally friendly. This product can be disposed of at your local dump (according to local regulations) and will completely and rapidly biodegrade. For more information please download the MSD sheet for the product.

The product is backed by a ten-year shelf life, and requires little room for storage. One pallet of Stormbags (25 boxes, fifty bags per box) is equivalent to 20 tons of sand, and due the fact that they are easily stored offers you an immediate response capability in times of crisis. Larger sized units are possible for specific applications. Please contact Stormbag distributor Chwalek Safety at their Houston office if this is a requirement. Please see the video demonstration in the online media section of the website. You can find this from the main menu under content links.

For a comparison test we used a 1-lb. block of TNT wrapped with 40-gr. det cord for each shot. We covered each shot with the same number of bags, Stormbags v. sandbags.



1-lb. TNT with 40-gr. det cord



1-lb. shot covered with Stormbags



Results of shot covered with Stormbags



1-lb. shot covered with sandbags



Results of shot covered with sandbags

The results were that the Stormbags weighted down with water caused a deeper crater than the sandbags. The Stormbags appear to have a greater tamping effect than the sandbags. We also shot two pipe bombs using the Stormbags and sandbags as barricades. The Stormbags proved to be every bit as formidable as the sandbags with an added benefit. The pipe bombs were loaded with black powder and when the powder ignited the moisture from the Stormbags actually mitigated the fire.

For more information on this product please visit the website or contact Stan Chwalek at the number below.

Stan Chwalek – President/CEO, Phone: 281-225-8721
<http://www.chwaleksafety.com/>

“A man may fulfill the object of his existence by asking a question he cannot answer, and attempting a task he cannot achieve.”

*- Oliver Wendell Holmes,
American author (1809-1894)*