

OXYSAC

Smart Absorption for Flood and Spill Control

Smart Protection. Stop the Flood.



PROTECH
— GROUP —



Overview

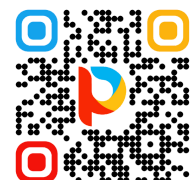
OXYSAC is a lightweight, hydrophilic polymer sack that rapidly expands from 0.7 lbs to over 35 lbs when activated with water, making it an effective, reusable alternative to traditional sandbags. Safe, non-toxic, and odorless, it offers quick deployment, long shelf life, and easy storage. Ideal for flood protection, spill containment, and emergency preparedness in homes, schools, municipalities, and infrastructure, OXYSAC provides a cost-effective, low-labor solution for water control.

Main Features

- Customizable Properties – Adjust thickness, softness, and strength as needed
- Additive-Compatible – Accepts colorants, fillers, and performance enhancers
- Built-In Resistance – Withstands moisture, mild chemicals, and wear
- Flexible Curing – Supports air, oven, or multi-stage drying
- Lightweight & Elastic – Soft, stretchable, and shape-retaining
- Easy Mold Release – Clean separation with minimal defects

Common Uses Include

- Flood protection
- Emergency Response & Disaster Relief
- Municipal Infrastructure
- Education & Public Buildings
- Industrial & Facility Maintenance



Specifications

Size of dry OXYSAC	16" x 24" 40cm x 60cm
Weight of dry OXYSAC	0.7 lbs each 0.3 kg each
Weight of wet OXYSAC	35-40 lbs each 15-21 kg each
Quantity Needed for Standard Door	12 OXYSACS - based on a 30 inch high barrier.
Quantity Needed for Standard 1 Garage Door	30 OXYSACS - based on a 30 inch high barrier

Consistent Quality. Proven by Performance.

At Protech Group, quality isn't just a feature—it's a promise. Our coatings are engineered to deliver consistent performance across every application, ensuring reliable results and a flawless finish each time. With rigorous quality control and decades of technical expertise, we maintain the highest standards from formulation to final product. Whether you're coating complex parts or high-volume assemblies, you can count on Protech for dependable performance and superior, long-lasting quality.

Custom Formulations

Leveraging decades of experience, The Protech Group partners with you to create tailored coating formulations that meet your unique application, budget, and production needs.

