

Passive Skimmer Technical Specifications

The Passive Skimmer is designed to absorb and encapsulate hydrocarbons by floating directly on the water in catch basins, sumps, oil/water separators and marine fueling stations. Passive Skimmers are made of a proprietary blend of polymers, called Smart Sponge®, packaged in flexible mesh containers and are available in a variety of sizes.

Applications

- Oil/Water Separators
- Hydrodynamic Separators
- Catch Basins
- Marine Fueling Locations
- Commercial Fuel Distributor Facilities
- Commercial Fuel Docks
- Gas Stations
- Parking Structures
- Waste Scrap Facilities

Key Benefits

- Chemically selective to hydrocarbons
- Reduce or remove sheen
- Transforms pollutant into stable solid
- Capable of remaining completely buoyant even after being saturated with hydrocarbons
- Stormwater BMP (Best Management Practice)
- Effective nonpoint source pollution prevention
- Long-standing remediation
- No modification of existing structure is required

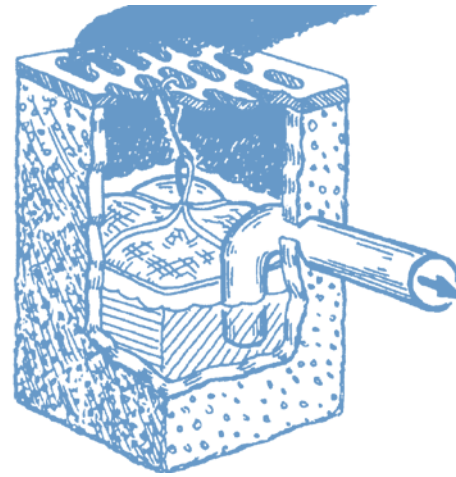
Simple Maintenance

Installation of Passive Skimmers is a simple process requiring no structural modifications to existing drainage structures or oil/water separators. Users can simply tie off the passive skimmer with a rope through the grommets or through the center handle. Changeout of Passive Skimmers is also quick and easily accomplished by simply pulling the skimmer out and replacing it. Passive Skimmers are not designed for use in fluid operating temperatures exceeding 130°F (55°C).



Product Specifications

Product	Dimensions	Unit Dry Weight	Packaging
PS1313	13" x 13"	1.25 lbs. (.57 kg)	40/carton
PS1818	18" x 18"	2.45 lbs. (1.57 kg)	20/carton
PS2727	27" x 27"	5.2 lbs. (2.36 kg)	10/carton



Disposal Options

As local conditions, product use, and exposure can vary widely, the end user must determine the most appropriate disposal method for a spent Smart Sponge® or Smart Sponge Plus® product. However Smart Sponge® samples saturated with hydrocarbons both in the lab and in the field have been tested according to the EPA's Toxicity Characteristic Leaching Procedure ("TCLP"). These tests show that Smart Sponge® is a "non-leaching" (i.e., non-detect or "N.D.") product. As a result, Smart Sponge® technology can afford many cost effective and environmentally friendly disposal options. The following waste disposal and resource recovery industries have accepted spent Smart Sponge® products for disposal and/or recycling.

Waste-to-Energy Facilities - A specialized segment of the solid waste industry has used spent Smart Sponge® as an alternative fuel in the production of electricity. WTE is acknowledged at the federal level as a renewable energy source under the Federal Power Act, Title IV of the Clean Air Act and is a participant in the Department of Energy's National Renewable Energy Program.

Cement Kilns - This industry has used the spent Smart Sponge® as an alternative fuel in the production process of Portland Cement. This process is considered a beneficial reuse of waste products. The BTU value of spent Smart Sponge® is consistently above the average acceptable levels set for this high temperature.

Landfills - As discussed above, spent Smart Sponge® products have been classified as a solid waste and have been accepted at Subtitle D Landfills.

For more information about the Smart Sponge® technology, visit www.abtechindustries.com or call 1-800-545-8999.

Please keep in mind that, depending upon local conditions, product use, and exposure, a spent Smart Sponge® product could contain one or more of a wide range of contaminants that may impact available disposal options. As a result, generators of spent Smart Sponge products must have their waste analyzed, tested, and classified to determine the appropriate disposal method.

AbTech Industries does not take any responsibility for handling, transport, disposal, or recycling of spent Smart Sponge® products. For a more detailed disposal/recycle overview, please see the "Smart Sponge® Products Disposal Option" documents available upon request from AbTech Industries.

AbTech Smart Sponge® products have been extensively tested both in the laboratory and in the field – with additional testing on-going all the time. Nevertheless, because local conditions, product use, and exposure can vary widely, individual results may differ.

AbTech Smart Sponge® products must be used properly and in accordance with all manufacturer instructions. AbTech Industries does not take responsibility for any product misuse.



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MAKERS OF
smart sponge
PRODUCTS