

# Line Skimmer Technical Specifications

AbTech's Line Skimmers employ the Smart Sponge® technology which allows water to pass through the product absorbing even sheen levels of hydrocarbons without inhibiting water flow.

Line Skimmers are designed to absorb and encapsulate hydrocarbons and oil in non-confined water flows. They are ideal for creating lines of hydrocarbon protection in areas such as ponds and streams as well as clarifying wells and ships in port.

## Applications

- Clarifying Wells
- Marine Fueling Locations
- Ponds and Streams
- Ships Loading/Off Loading at Port

## Key Benefits

- Removes or reduces sheen
- Does not absorb water
- Transforms pollutant into a stable solid waste
- Oils will not leach or leak
- Waste to energy (BTU value of 10,000)
- Improved safety - no dewatering of oily water after removal
- Longer life - will not deteriorate in water
- Silent sentinel - remains on site indefinitely as insurance against potential releases
- Lower labor costs
- Reduced risk - No water absorbed means less weight to pull from water

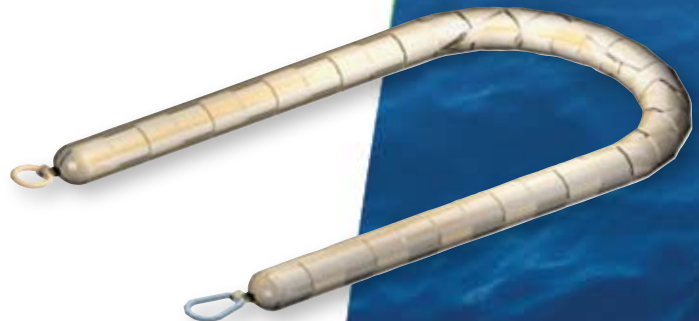
## Product Specifications

Product	Dimensions	Dry Weight	Packaging
LS104-10	Single/4 ft. long	22 lbs.	10/carton
LS110-04	Single/10 ft. long	45 lbs.	4/carton
LS304-04	Triple/4 ft. long	32 lbs.	4/carton
LS308-04	Triple/8 ft. long	47 lbs.	4/carton
LS408-04	Quad/8 ft. long	60 lbs.	4/carton

## Handling and Safety

Before using this product, read the label information and the Material Safety Data Sheet.

Note – AbTech Line Skimmers are not designed for use in fluid operating temperatures exceeding 55°C (130°F). Improper use of Smart Sponge® products may cause them to become structurally compromised, possibly resulting in the loss of absorbent media or obstruction of flow. Long exposure to UV light (over 12 months) may result in slight discoloration; however, this discoloration will not significantly affect performance.



## 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](http://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.

