

Fibergrate Containment Pans



Overview

Fibergrate Composite Structures has been designing and manufacturing products for the oil and gas industry for more than thirty years. Most recently, Fibergrate developed two solutions to address worker safety issues and increasing environmental concerns regarding spill containment at oil and gas well sites. These fiberglass spill containment solutions were designed with durability and mobility in mind; the properties of fiberglass reinforced plastics (FRP) are corrosion resistant and lightweight. The first of these solutions is a modular pan system providing a safe work platform and containment, and is made to sit beneath all of the equipment at the well site. The second is a small, highly portable pan which is for containment of localized spills and leaks.

- Superior Spill Protection
- Durable Drive-On Surface
- Reusable/Moveable
- Reduced Worker Slip/Falls
- Uniform Flat Surface
- Modular Design

Benefits



Durability: The properties of FRP make it resistant to punctures and cracks and can withstand heavy loads.



Slip Resistant: The meniscus and integrally applied grit surfaces of Fibergrate molded products have unmatched slip resistance for improved worker safety.



Lightweight: Fiberglass reinforced plastics are lightweight, allowing for easy installation and relocation.



Corrosion Resistant: Fibergrate® molded fiberglass products are known for their ability to provide corrosion resistance in the harshest environments and chemical exposures.

Site Containment System HLC

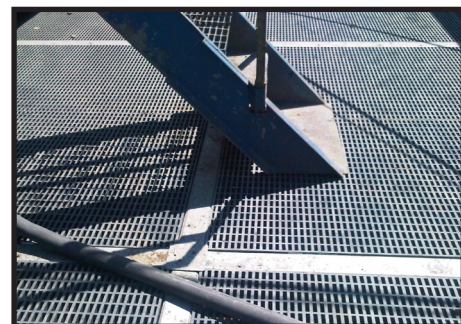
Fibergrate developed a modular fiberglass spill containment system that is durable and has a uniform flat surface allowing for heavy mobile drilling rigs, frac and other equipment to easily set upon and drive over. The uniform flat surface provides a smooth, trip free environment for workers.

The Fibergrate system is a large pan created from a matrix of fiberglass reinforcement embedded in a corrosion resistant resin, then covered with traffic bearing, slip resistant molded grating. With this modular system, multiple pans can be set up in various arrangements depending on the site size and layout.

The inner pan flow system facilitates quick and easy spill removal. The slip resistant surface of the grating protects workers from slips and falls. The resiliency of fiberglass makes it resistant to cracks and punctures, protecting the environment from accidental contamination.

The Fibergrate containment pan system is also moveable and reusable. The pans can be transported from one site to another once drilling is complete. Installation is easy and cost effective. Traditional systems using flexible liners can cause slips, trips and falls and can puncture or tear, creating groundwater contamination concerns and are typically not reused. Metal pan systems are heavier and difficult to move, while most reusable rig mats do not provide containment and are not nearly as safe. The Fibergrate containment system is the safest and most effective solution for safety and environmental concerns.

¹Patent application in process.

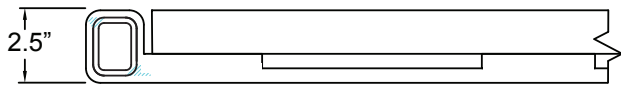
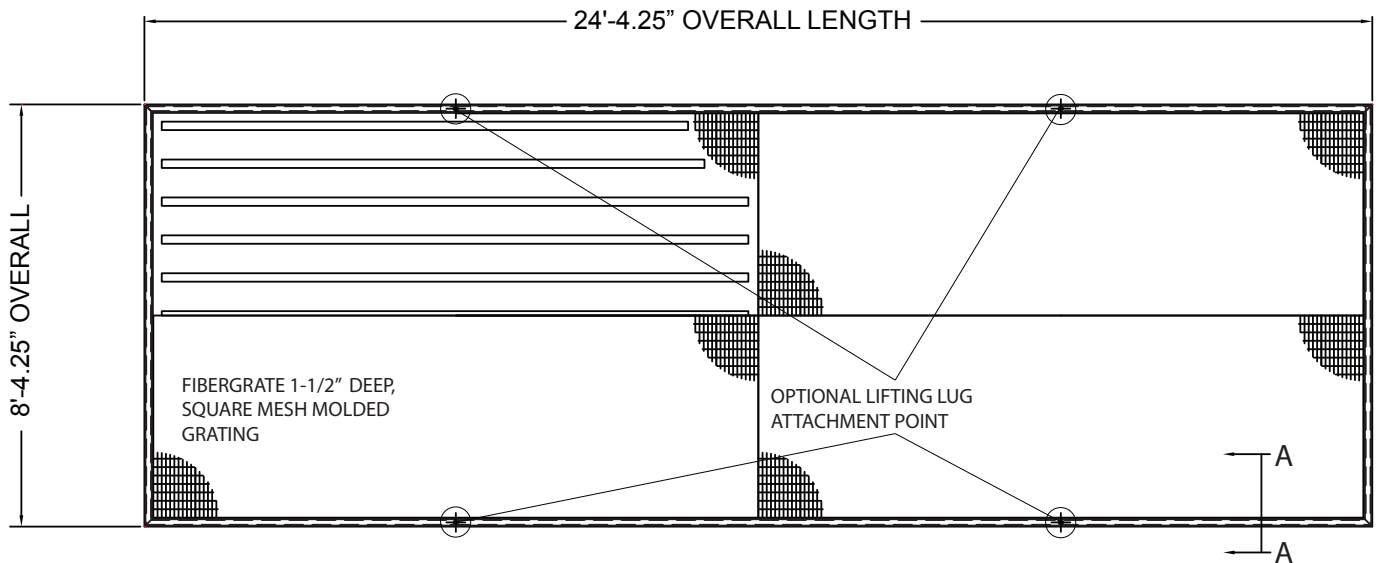


Fibergrate spill containment system installed



Spill containment system beneath equipment

Fibergrate Containment Pans



Section AA



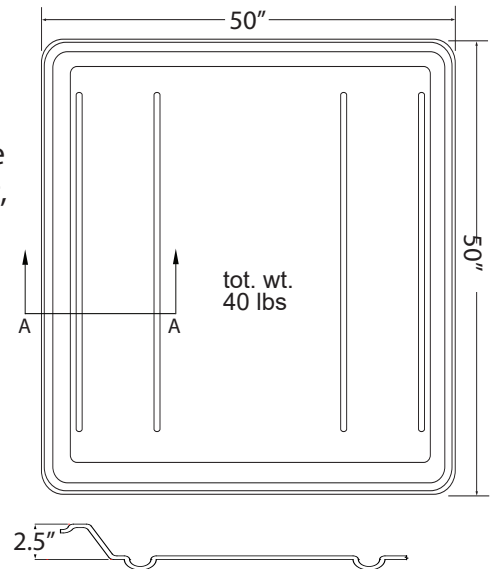
Containment System - Fiberglass Pan with Molded High Load Capacity Grating



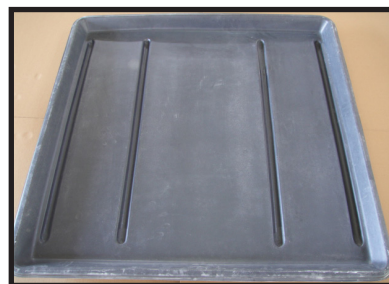
Full Site Containment

Portable Containment Pan LD

In addition to the large collection systems, Fibergrate also manufactures smaller, portable containment pans. These drip pans are designed to collect small spills and leaks from engines, frac equipment, pumps and piping connections, helping to eliminate potential site contamination. Made only of fiberglass, this lightweight pan is easy to move, as well as corrosion resistant and durable.



Section AA



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