

Product Datasheet

Scorpion F-Series

The Scorpion F-Series Fence oil boom is a versatile, easy to deploy and to use solid filled, lightweight oil containment barrier designed to contain and control the spread of oil on the water surface, ideal for long-term applications typically in controlled calm or shallow waters. Due to its slim profile allows it to be stored in large volumes either in reels or crates, allowing compact storage and maximum space usage. The high rigidity, durability, buoyancy and strength of the boom, provides a balance between ease of use and effective containment.



Solid Floatation Fence Booms

Technical Properties

- Rigid frame made from polyethylene foam and fiber glass vertical stiffeners, offers supreme stability.
- Freeboard and draft tension members made from sturdy PET webbing and HDG chain offer maximum structural integrity.
- Equipped with end connectors, such as aluminum ASTM Z or stainless-steel U-Bolts, to allow multiple sections to be linked together securely.
- Made from highly durable, oil-resistant materials such as PVC, or polymer coated polyester fabrics that can withstand harsh environmental conditions and exposure to oil and chemicals.

Applications

- Protected Waters
- Bays
- Ports
- Moorages
- Docks

Key Features

- Ideal for long-term use in ports, marinas, harbors, lakes, and other protected water bodies.
- Highly recommended piece of equipment for power plants, refineries, water treatment facilities and industrial establishments.
- Able to be produced in various lengths and heights upon operational requirements.
- When not in use, fence type booms can be rolled or folded, making storage and transportation more convenient.
- Easy to clean and maintain after exposure to oil, ensuring it can be reused multiple times.
- Can be stored to reels, crates, trailers or containers. Hanging options available.

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Technical Specifications

Model	Scorpion 350F	Scorpion 500F	Scorpion 750F	Scorpion 920F	Scorpion 1150F
Operational Height	350 mm	500 mm	750 mm	920 mm	1150 mm
Freeboard	200 mm	200 mm	300 mm	300 mm	420 mm
Draft	150 mm	300 mm	450 mm	620 mm	730 mm
Section Length	20 m				
Fabric	PVC Coated Polyester				
Fabric Tensile Strength	3200 N/5cm				
Connectors	U-Bolts / ASTM Z-Type				
Weight	2.3 kg/m	2.5 kg/m	3.8 kg/m	4.1 kg/m	5.2 kg/m
Upper Tension Member	Seamed Fabric	Seamed Fabric	PET Webbing	PET Webbing	PET Webbing
Flotation	Closed-Cell PE Foam 30kg/m ³				
Ballast	DIN 764 Hot Dip Galvanized Chain				
Chain Thickness	8 mm	8 mm	10 mm	10 mm	12 mm
Operational Temperature	from -10°C to 60°C				
Colour	Yellow				