

### Product Datasheet

## Scorpion S-Series

The Scorpion S-Series Shoreline Boom is designed specifically to protect shorelines and contain oil spills or other floating pollutants on land, extending into the sea. It utilizes two ballast chambers filled with water which act as a seal for the shore and an upper one filled with air, acting as a float. The boom is adaptable to fluctuating water levels. It rises and lowers along with the tide, providing continuous containment on land and through the water surface. The boom can be connected to a variety of other types of booms allowing continuous protection from shorelines and through the water.

### Beach Sealing Boom



### Technical Properties

- The two connected water filled ballast chambers may incorporate one or more filling points for ease of deployment and recovery.
- Made from highly durable, oil-resistant materials such as Neoprene rubber PVC, or polymer coated polyester fabrics that can withstand harsh environmental conditions and exposure to oil and chemicals, while retain the boom's shape.
- Equipped with robust ASTM-Z end connectors for joining multiple sections of boom to create a continuous barrier. Being universal these connectors offer compatibility with various boom types.
- May have PET webbing boom handles that improve operator control and ease of deployment.

### Key Features

- Designed to retain stability in various tidal conditions, including rising and falling tides, to prevent oil from escaping under or over the boom.
- High visibility, bright colors (such as orange or yellow) are used to make the booms easily visible to responders and prevent navigation hazards.
- Primarily used to protect sensitive shorelines, beaches, marshes, and estuaries from oil contamination.

### Applications

- Coasts, shores and beaches

# Scorpion S-Series



## Technical Specifications

Model	Scorpion 530S
Operational Height	530 mm
Freeboard	300 mm
Draft	230 mm
Section Length	10 m
Fabric	EVA/PVC Alloy Coated Polyester
Fabric Tensile Strength	4413 N/5cm
Connectors	ASTM Z-Type
Weight	3.0 kg/m
Flotation	One Independent Inflatable Chamber
Chamber Length	10 m
Ballast	2 Independent Water Chambers
Operational Temperature	from -10°C to 60°C
Colour	Yellow