Product Data Sheet SORB®MS Marine Solutions Oil-Barrier „SILT SCREEN“

Product Information:

Application

- suitable for longtime usage near-shore, harbors and in-land containment operations

Key Features

- suitable for containing silts and sediments, as well as oil spills and any other floating pollutant during marine works, dredging operations, underwater works such as cable installation etc.
- provides a stable environment for deposits to settle
- designed for use in fast and turbulent waters
- tension cables and a bottom chain support the submersed curtain
- curtain depths up to 30m

Technical Data

A submerged, permeable geosynthetic screen up to 30m in length is specifically designed to contain silt in high turbidity waters. The boom is manufactured from high visibility PVC Coated PES fabric using High Frequency Thermal Welding. The boom configuration is maintained by cylindrical floats, made of closed-cell PET foam. Enforced axial tension is provided by enclosed PET webbing on the top and a Hot-Dipped Galvanized (HDG) Chain on the bottom of the boom. STS Series boom are produced in compliance with US DoT Specifications

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SORB®MS Marine Solutions
Oil-Barrier „SILT SCREEN“

Technical Data

Artikel-no. 100578	**-920STS**
Freeboard	300 mm
Draft	620 mm
Length	10 - 30 m
Fabric	PVC Coated Polyester
Fabric Weight	750 oder 1.000 g/m² (Options available)
Connectors	ASTM Z-Typ
Silt-Screen Fabric	100% PES / 1.100 dtex / 250 g/m
Screen Fabric Tensile Strength	1.900 N/5 cm
Silt Screen Depth	bis zum 8 m
Flotation	Closed-Cell PE Foam 30 kg/m³
Average Floath Length	1 m
Upper Tension Member	Seamed Fabric
Ballast	DIN 766 Hot Dip Galvanized Chain
Operational Temperature	from -10° bis 60° C
Colour	Yellow / Grey (Other options available)

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