



Oil Containment
Solid Floatation Curtain Boom

Scorpion C-Series



New Naval

The Scorpion C-Series Solid Filled Boom is a cost-effective, rapidly deployed containment system that utilizes solid foam cylindrical floats. The C-Series boom is ideal for multiple applications including inland waters, offshore open seas and waters with high speed currents. The strength and rigidity of the solid floats allows the boom to maintain shape and provides excellent conformance to waves. The boom can be produced in various lengths allowing custom solutions to booming needs. Enhanced buoyancy makes the boom extremely effective in maintaining its configuration in applications where swells and currents are present.



TECHNICAL SPECIFICATIONS

Model	350C	500C	750C	920C	1200C
Operational Height	350 mm	500 mm	750 mm	920 mm	1200 mm
Freeboard	200 mm	200 mm	250 mm	300 mm	300 mm
Draft	150 mm	300 mm	500 mm	620 mm	900 mm
Section Length	20 m				
Fabric	PVC Coated Polyester				
Fabric Tensile Strength	3200 N/5cm				
Connectors	U-Bolts / ASTM Z-Type				
Weight	2.7 kg/m	3.0 kg/m	4.2 kg/m	5.3 kg/m	5.5 kg/m
Res. Buoyancy/Weight Ratio	4.2:1	6.3:1	4.4:1	5.53:1	5.3:1
Upper Tension Member	Seamed Fabric		PET Webbing		
Flotation	Closed-Cell PE Foam 30kg/m³				
Average Float Length	1 m				
Ballast	DIN 766 Hot Dip Galvanized Chain				
Chain Thickness	8 mm	8 mm	10 mm	12 mm	12 mm
Operational Temperature	from -10°C to 60°C				
Colour	Yellow				

TECHNICAL DATA

Manufactured from high visibility PVC-coated Polyester fabric. Closed-cell PET foam cylindrical floats provide unmatched reliability and optimal buoyancy. Tensioning is achieved with PET webbing (n/a in 350C & 500C) and galvanized chain. Depending on operational needs, various section lengths are feasible upon clients request as well as different connectors like INOX U-bolt or ASTM Z end connectors.

KEY FEATURES:

- Light-weight, solid cylindrical float containment boom
- Boom shape and configuration maintainable in rough waters
- Enhanced buoyancy provided by cylindrical floats
- Stable for long-term boom operation
- Customizable boom dimensions and section lengths

STORAGE OPTIONS:

- Storage Crates
- Container
- Trailer

EQUIPMENT OPTIONS:

- Tow Bridle
- Anchoring Set
- Spare Parts Kit
- Y-Piece Connector