



GlobeBoom® ED - Extra Duty

PROVEN OIL SPILL TECHNOLOGY

GlobeBoom® ED - Extra Duty

The GlobeBoom® design is available in a range of barrier fabrics: Heavyweight Urethanes and PVCs for permanent installations; and, lightweight Urethanes and Elvaloys* for quick response and easy handling.

The GlobeBoom® ED style is made with a medium weight PVC fabric that is rugged and ideal for frequent deployment in conditions where the boom is subjected to rough handling, fast currents and debris.

The GlobeBoom® design has proven to be an excellent geometry for all sorts of harbour and riverine settings. The principal reason for this success is the quasi-spherical (or “globe”) shaped floatation elements. This shape presents the most efficient volume-to-surface-area ratio and allows “nodes” of buoyancy to be placed at intervals that achieve the desired buoyancy-to-weight ratio while still permitting discrete sections of boom to respond to short period waves, or chop. Booms with longitudinal floats experience splash-over in these circumstances because the float tends to respond as a rigid body and is longer than half a wave length. In this instance part of the float wants to be on the crest of the wave and part wants to be in the trough, but it cannot be both places so some wash-over occurs. The GlobeBoom® design avoids this short-coming.



Advantages of GlobeBoom® ED

- Because of its rugged, yet flexible construction, GlobeBoom® ED is the boom of choice in situations where it is frequently launched and recovered such as on terminal piers and wharfs where transferring vessels are boomed off as a precautionary measure. The GlobeBoom® float shape, ED's tough barrier fabric and chain ballast also make it a first choice in fast current settings, particularly where debris is a concern. ED is available in four tested and proven standard sizes, and can be custom tailored to your needs.

TECHNICAL DATA

	ED14	ED18	ED24	ED36
Total Height	36 cm	46 cm	61 cm	91 cm
Draft	20 cm	30 cm	36 cm	61 cm
Freeboard	15 cm	15 cm	25 cm	30 cm
Fabric Type	PVC coated polyester	PVC coated polyester	PVC coated polyester	PVC coated polyester
Ballast chain	6 mm	6 mm	10 mm	10 mm
Float Dia.	20 cm	20 cm	36 cm	36 cm
Tensile Strength	100 kN	128 kN	171 kN	254 kN
Weight	3.8 kg/m	4.1 kg/m	7.5 kg/m	8.4 kg/m
Volume/25m Section	0.8 m ³	0.8 m ³	3.7 m ³	4.2 m ³
Colour	Orange	Orange	Orange	Orange

Barrier Fabric: UV, hydrocarbon and saltwater resistant PVC coated Polyester - finished weight - 2882 g/ sq m.

Fasteners: Stainless steel bolts, Nyloc nuts and Washers.

End Connectors: ABS or Aluminium Extrusion in all common profiles.

Ballast Chain: Grade 30 HDG Proof coil chain

Floatation: Black, UV resistant, moulded HDPE shells filled with closed cell PU foam.

Seams: R.F.welded