

The Expandi sorbent boom is an excellent solution for responding smaller spills. It contains and absorbs the spill. The effective quick couplings allow rapid connection of sections to achieve the desired lengths.

The booms are delivered in large, durable big bags with four lifting points for easy handling. The big bags are fitted with an inner polyethylene liner suitable for temporary disposal of used absorbent booms. The sorbent material is extremely water repelling while it absorbs oil containing fluids effectively. The products are inexpensive and can be considered as disposable. Time consuming, costly and unpleasant cleaning is not necessary.

The Expandi Sorbent Booms are equipped with reflective strips SOLAS (Safety of Life at Sea). The reflective conform to Marine Equipment Directive 96/98/EC and International Maritime Organization (IMO) Resolution A.658 (16) Annex 2. In addition, they are approved by the U.S. Coast Guard to meet 46 CFR part 164, Subpart 164.018 requirements for Type I and II retro reflective materials. The reflective strips help enhance visibility of the absorbent booms in nighttime, or low-light conditions when illuminated by a spotlight or other light source.

When the boom is on water, tensile stresses due to wind, waves and current s are hold by its following parts:

- Main tension member: Textile strap running through the whole length of the boom section
- Auxiliary tension member: Textile strap running partially through the boom section length.



	OO-BIO Boom 20
Diameter	20 cm
Sections per bag	OO-BIO Boom 20/5: 5 pcs x 5 m long each OO-BIO Boom 20/12.5: 2 pcs x 12.5 m long each OO-BIO Boom 20/25: 1 pc x 25 m long
Total length per bag	25 m
End connector	2 galvanized quick links
Absorbent fibre	Cotton. Oleophilic and hydrophobic
Tension members	40 mm polypropylene strap
Absorption capacity	21.5 l/m (oil density 0,8)
Total weight per bag	Dry: 38 kg Full: 470 kg (oil density 0,8)
Lifting capacity of the big bag	SWL: 600 kg Safety factor: 5:1
Big bag dimensions (LxWxH)	0,9 x 0,9 x 0,7 m

