

Product specifications	Macboom 800	Macboom 1000	Macboom 1300
<b>General</b>	Single point, self inflatable oil boom with a primary inflation system, and one backup chamber inflation system.	Single point, self inflatable oil boom with primary inflation systems, and one back-up chamber inflation system.	Single point, self inflatable oil boom with primary inflation systems, and one back-up chamber inflation system.
<b>Fabric</b>	Heavy Duty PVC coated polyester woven fabric, 1,250 g/m <sup>2</sup>	Heavy Duty PVC coated polyester woven fabric, 1,250 g/m <sup>2</sup>	Heavy Duty PVC coated polyester woven fabric, 1,250 g/m <sup>2</sup>
<b>Operational parameters</b>			
Max. and significant wave height (m)	5.0 - 2.5	5.5 - 2.5	7 - 4
Wind force, normal and max (m/s)	18 - 20	18 - 22	20 - 25
Towing speed, recovery (relative to water) [kts]	< 1	< 1	< 1
Max. towing force [kN]	60	60	120
Required personnel during deployment (on oil recovery vessel)	1	1	1
<b>Connections</b>	Norwegian-type connection	Norwegian-type connection	Norwegian-type connection
<b>Section length</b>	100 / 200 / 300 / 400 meters	200 / 300 / 400 meters	300 / 400 meters
<b>Freeboard</b>	800 mm	1,000 mm	1,300 mm
<b>Skirt</b>	1,000 mm	1,200 mm	1,500 mm
<b>Towing lines set complete including</b>	- Starboard towing line, 100 mtrs. - Port towing line, 50 mtrs. - Port (incl. set of air hoses 12 m with quick couplings.) and starboard bridle, 12 m	- Starboard towing line, 100 mtrs. - Port towing line, 50 mtrs. - Port (incl. set of air hoses 12 m with quick couplings.) and starboard bridle, 12 m	- Starboard towing line, 100 mtrs. - Port towing line, 50 mtrs. - Port (incl. set of air hoses 12 m with quick couplings.) and starboard bridle, 12 m
<b>Macboom reel</b>	<b>Macboom Reel - 10 - 16 (300 m)</b> - Hydraulically operated winder for Uniboom complete with turn table, hinged operator platform and container twist locks. - Operating system: Manual - hydraulic control valves for reel and turn table from platform. - The reel is equipped with extension air hoses for primary and secondary inflation systems and retrieval line with split link for connecting inner towing line. - Turn table rotation: +/- 20 degrees in the horizontal plane.	<b>Macboom Reel - 16 (300 m)</b> - Hydraulically operated winder for Uniboom complete with turn table, hinged operator platform and container twist locks. - Operating system: Manual - hydraulic control valves for reel and turn table from platform. - The reel is equipped with extension air hoses for primary and secondary inflation systems and retrieval line with split link for connecting inner towing line. - Turn table rotation: +/- 20 degrees in the horizontal plane.	<b>Macboom Reel - 26 (400 m)</b> - Hydraulically operated winder for Uniboom complete with turn table, hinged operator platform and container twist locks. - Operating system: Manual - hydraulic (propotional PVG) control valves for reel and turn table from platform. - The reel is equipped with extension air hoses for primary and secondary inflation systems and retrieval line with split link for connecting inner towing line. - Turn table rotation: +/- 20 degrees in the horizontal plane.
<b>Storage volume</b>	10 m <sup>3</sup> to 16 m <sup>3</sup>	16 m <sup>3</sup>	26 m <sup>3</sup>
<b>Torque</b>	12 kN (=1,2 ton) @ circumference	12 kN (=1,2 ton) @ circumference	12 kN (=1,2 ton) @ circumference
<b>Speed</b>	12 rpm	12 rpm	12 rpm
<b>Oil flow</b>	62 ltr./min	62 ltr./min	62 ltr./min
<b>Oil pressure</b>	210 bar	210 bar	210 bar
<b>Extension air hoses</b>	2 x 3/4", 2 x 1 1/2", 50 m	2 x 3/4", 2 x 1 1/2", 50 m	2 x 3/4", 2 x 1 1/2", 50 m

## Reinforced PVC laminated

Type: Vinilona BCO 1.0



Description: Reinforced PVC laminated, with high tenacity polyester fabric, coated on both sides with PVC film with additives.

Properties	Weight (g/m <sup>2</sup> )	Thickness (mm)	Adhesion (kgf/5cm)	Tensile strength (kgf/5cm)	Elongation at break (%)	Tear strength	Suggested application	Additives
<b>Specification</b>	1258 ± 125	1,08 ± 0,10	≥ 4,5	Longitudinal 620 ± 90 Transversal 590 ± 85	Longitudinal max 45 Transversal max 50	Longitudinal min 80 Transversal min 80	Offshore oil boom	- Anti-UV - Antioxidant - Fungicide - Resistance to hydrocarbons
<b>Method</b>	DIN EN ISO 2286-2 - Method A	DIN EN ISO 2286-3	DIN 53357/A	DIN EN ISO 1421 - Method 1	DIN EN ISO 1421 - Method 1	DIN 53363		

These values are subject to revision without prior notice to the customer.