



Offshore/Open Ocean



All seams radio-frequency (RF) welded  
Inflatable buoyancy chamber, full length



## INFLATABLE BOOM SC 42

### Air Filled Boom

Inflatable Boom SCS (single chamber, solid floatation), is a pressure inflatable boom which uses air for buoyancy. Each Inflatable Boom SC section length (typically 25 m) consists of a single air inflated chamber. Our simplest, most cost effective and rapidly inflatable boom.

Booms can be inflated using handheld or backpack inflation blowers, or with integrated hydraulic blowers (stand alone or mounted on a boom storage and deployment reel.)

- Available in a wide range of heavy-duty PVC and urethane coated fabrics
- Single chamber design for rapid boom deployment
- High flow check valves for rapid inflation and deflation
- Ultra compact storage on boom reels or storage pallets
- Corrosion resistant ASTM style marine grade aluminum connectors
- Heavy duty galvanized steel ballast chain

## INFLATABLE BOOM SC 42

	Imperial	Metric
<b>Boom Height</b>	42.0 in	1067 mm
<b>Air Chamber Diameter</b>	18 in	457 mm
<b>Draft</b>	24 in	610 mm
<b>Standard Length</b>	82 ft	25 m
<b>Fabric Weight</b>	22 oz/yd <sup>2</sup>	750 g/m <sup>2</sup>
<b>Fabric</b>	PVC coated Polyester	
<b>Color</b>	Orange standard, others available	
<b>Boom Weight</b>	2.9 lbs./ft	4.3 kg/m
<b>Buoyancy/Weight Ratio</b>	38:1	
<b>Internal Air Chamber Length</b>	82 ft	25 m
<b>Inflation Valve</b>	Monsun XII Inflation/Deflation	
<b>Pressure Relief</b>	Leaffield A6 valve	
<b>Secondary Buoyancy</b>	Internal, closed cell PE foam for positive buoyancy at all times	
<b>End Connectors</b>	ASTM F962-99 extruded marine grade aluminum connector	
<b>Connector Attachment</b>	Boltless, even stress distribution	
<b>Toggle Pins</b>	3/8" (9.5 mm) stainless steel, spring loaded with lanyard	
<b>Ballast</b>	Grade 30, hot dipped galvanized steel chain	
<b>Ballast Size</b>	3/8 in	10 mm
<b>Ballast Weight</b>	1.21 lbs./ft	1.8 kg/m
<b>Chain Pocket</b>	Fully enclosed, single layer	
<b>Drain Holes</b>	every 10 feet	every 3 m