



RO-BOOM 1100 - Heavy-duty oil containment boom

PROVEN OIL SPILL TECHNOLOGY

RO-BOOM 1100 - Heavy-duty oil containment boom

RO-BOOM 1100 oil containment boom is ideal for many areas of operation such as ports, terminals, coastlines and open bays.

Like other models of RO-BOOM it can be stored on powered reels and deployed very quickly using our high capacity air blowers. Once deployed the boom will remain inflated for long periods of time without topping up. RO-BOOM 1100 will withstand the effects of sun, sea and oils that destroy booms made from other materials. Attachments, such as eyelets and brackets are made from stainless steel, AISI 316.

The boom has moulded, inflatable chambers - the total freeboard is approx. 0.36 m, and the overall height of the boom in inflated condition is approx. 0.92 m. The individual buoyancy chambers have separate air valves, which mean that in the unlikely case of puncture only one chamber will lose air, and not impair the integrity of the boom.

The smooth surface of the deflated boom makes cleaning easier - several types of oil do not stick to the boom at all.



Advantages of RO-BOOM 1100:

- A durable boom resistant to abrasion, oils and sun-light
- Individual air chambers for reliability and security
- Lies flat when deflated for easy storage and cleaning
- Stainless steel and hot galvanized components
- High visibility stripe
- Reels, containers and bags available

TECHNICAL DATA

RO-BOOM 1100 oil containment boom is manufactured from heavy-duty Neoprene rubber with a Hypalon external skin. This unique one-piece moulded composite construction has complete cross vulcanisation of rubber and reinforcing fabrics. The construction is seamless, it has high abrasion resistance, peel resistance and tensile strength. RO-BOOM lies completely flat when deflated allowing for easy cleaning and storage. The individual air chambers provide high integrity.

RO-BOOM is fitted with stainless steel fittings and a hot galvanized ballast/tension chain. Internal fibreglass rods secured with stainless steel brackets. These rods ensure optimum skirt profile under tow. ASTM quick connectors are fitted as standard.

Width (Deflated):	1.10 m / 43 in
Standard section lengths:	50, 100 m / 164, 328 ft
Freeboard:	0.36 m / 15 in
Operational depth of skirt:	0.56 m / 21 in
Operational weight (inclusive of chain):	8 kg/m / 5.4 lbs/ft
Buoyancy chamber length:	3.0 m / 118 in
Standard colour:	Black with high visibility yellow marker stripes

Tensile strength of boom wall:	250 N/mm / 1,425 lbs/in
Breaking load of chain:	110 kN
Operational temperature range:	-20°C to +70°C
Stored temperature range:	-40°C to +70°C
Section connector:	ASTM or Stainless steel hinge or pin

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