



RO-BOOM 1800 - Heavy-duty oil containment boom

PROVEN OIL SPILL TECHNOLOGY

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RO-BOOM 1800 was introduced to meet the demand for a large robust boom.

The design draws upon the traditional strong points of the RO-BOOM system i.e. individual air chambers, high quality construction, good stability and survivability. Although lighter, RO-BOOM 1800 is still significantly superior to other types of inflatable booms in terms of tensile strength, puncture resistance, abrasion resistance and tear resistance.

RO-BOOM 1800 will withstand the effects of sun, sea and oils, which destroy many booms made from other materials. The minimal storage volume of ROBOOM simplifies the logistics of storing, loading and transporting significant quantities of boom. Attachments, such as eyelets and brackets are made from stainless steel, AISI 316. The boom has moulded, inflatable chambers - the total freeboard is approx. 0.60 m, and the overall height of the boom in inflated condition is approx. 1.50 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.

Deployment is very rapid using our high capacity air blowers.



Advantages of RO-BOOM 1800:

- A durable boom resistant to abrasion, oils and sunlight
- 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
- Rapid deployment
- Third layer of fabric at the chain attachment area for added strength

TECHNICAL DATA

RO-BOOM 1800 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):	1.80 m / 71 in
Standard section lengths:	50, 100, 200 m / 164, 328, 656 ft
Freeboard:	0.60 m / 23 in
Operational depth of skirt:	0.90 m / 35 in
Operational weight (inclusive of chain):	13.5 kg/m / 9.0 lbs/ft
Buoyancy chamber length:	4.5 m / 177 in
Section connector:	ASTM or Stainless steel hinge or pin
Standard colour:	Black with high visibility yellow marker stripes
Tensile strength of boom wall:	315 N/mm / 1,795 lbs/in
Breaking load of chain:	200 kN
Operational temperature range:	-20°C to +70°C
Stored temperature range:	-40°C to +70°C

For more information on Oil Spill Response systems, please visit www.desmi.com

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