



RO-BOOM 650 - Heavy-duty oil containment boom

PROVEN OIL SPILL TECHNOLOGY

# RO-BOOM 650 - Heavy-duty oil containment boom

RO-BOOM 650 oil containment boom is specially developed for the containment of oil floating on the surface of water. It is suitable for use in most rivers, harbours, terminals and sheltered coastal areas.

## Construction:

Ro-Boom has a unique one-piece moulded construction with complete vulcanisation of the base rubber to the internal hypalon weave, reinforced with all metalwork manufactured in Stainless Steel AISI 316. This construction gives the boom a very high level of quality and strength. These features allow the Ro-Boom 650 to withstand the effects of sun, sea and oils that destroy many other booms. Due to the toughness of the materials used, the fabric has an extremely high tensile strength, and is also resistant to abrasion, peeling and tearing.

## Design:

RO-BOOM is fitted with a hot galvanized ballast/tension chain, has individual air chambers and internal fibreglass rods to provide a high integrity. The external chain ensures that after operation, the Ro-Boom can be cleaned, with no residual oil being left in a chain pocket to contaminate waters when the boom is next deployed. It also allows the boom to lie fully flat when not in use to allow easy cleaning and storage.



## Operation:

During operation, the ballast chain, which is slightly shorter than the length of the boom, keeps the boom under constant tension, to maintain the best possible shape when the boom is under tow. Ro-Boom has excellent wave handling abilities allowing recovery in difficult conditions other booms may not handle.

## Advantages of RO-BOOM 650:

- A durable boom resistant to abrasion, oils and sunlight
- Individual seamless air chambers for reliability and security
- Lies flat when deflated for easy storage and cleaning
- High visibility stripe for overnight and extended mooring
- Manufactured from heavy duty rubber with a hypalon weave to give maximum toughness and durability
- Various storage options including reels, containers, containers and bags available
- Stainless steel and hot galvanised components to reduce corrosion

- External chain to allow full cleaning of boom and to keep the boom in an ideal shape when under tow
- 200m of boom can easily be deployed or recovered by a trained crew in less than 10 minutes for rapid response.
- A ballast chain shorter than the length of the boom ensures that the boom remains in the best possible shape when the boom is under tow.recovery
- Can be easily re-packed for future deployments once recovered

## Technical data

Width (Deflated):	0.65 m / 24 in
Standard section lengths:	15, 25, 50 m / 50, 82, 164 ft
Freeboard:	0.30 m / 12 in
Operational depth of skirt:	0.20 m / 8 in
Operational weight (inclusive of chain):	4.7 kg/m / 3.1 lbs/ft
Buoyancy chamber length:	3.0 m / 78 in
Adhesive peel test:	15 N/mm
Tensile strength of boom wall:	250 N/mm / 1,425 lbs/in
Breaking load of chain:	50 kN
Operational temperature range:	-20°C to +70°C
Stored temperature range:	-40°C to +70°C
Section connector:	ASTM or Stainless Steel Hinge and Pin

For more information on Oil Spill Response systems, please visit [www.desmi.com](http://www.desmi.com)

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