



oil pollution environmental control ltd

OIL BOOMS

OIL AND DEBRIS CONTAINMENT BOOMS

OPEC PROVIDES A WIDE RANGE OF FLOATING BOOMS FOR THE PREVENTION AND CONTAINMENT OF POLLUTION ON INLAND WATERWAYS AND OFFSHORE EMERGENCY SPILL RESPONSE.

- MANUFACTURED USING STRONG DURABLE POLYURETHANE MATERIALS
- AIR INFLATED FOR EMERGENCY SPILL RESPONSE
- SOLID BUOYANCY FOR PERMANENT INSTALLATIONS
- SPECIAL DESIGN FOR BESPOKE OPERATIONS
- VARIOUS BOOMS REELS - HAND OR HYDRAULICALLY POWERED
- STATIC UNITS FOR PERMANENT INSTALLATIONS
- ROBUST STAINLESS STEEL CONSTRUCTION ALLOWS LONG TERM CONTINUAL OPERATIONAL USE
- ELECTRIC, AIR, HYDRAULIC, PETROL OR DIESEL POWER AVAILABLE
- ALL OTHER ANCILLARY EQUIPMENT AVAILABLE SUCH AS AIR BLOWERS AND STORAGE TRAILERS
- ALL END CONNECTORS ARE UNIVERSAL AND INTERCHANGEABLE

BOOM USES

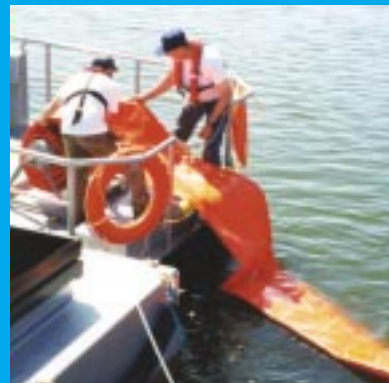
There are many types of applications for oil and debris containment booms. From protecting housing estates, weirs, water intakes, as a general safety barrier, as debris containment and as emergency spill response whether at sea or inland waterways.

Such is the diversity of usage, oil booms have to be designed according to various applications required.

CONSTRUCTION

Most booms are constructed in two sections - 'Freeboard' and 'Draft'. The draft is the section of boom under the water surface which is typically held in place using a ballast chain. The main material of construction is PU, (Polyurethane) which is a woven nylon base fabric. This is the best material available. Abrasion resistance is 8 times better than Neoprene. Typically supplied in a high visibility orange colour for safety, PU has a high puncture resistance as well as a high a break-strength and strong tear resistance. Generally, excellent long term ageing properties, very flexible and useable to -50°C.

The material is processed using highly skilled Radio Frequency welders which allows a much stronger integral strength and longevity of use. Permanent buoyancy booms are constructed in 'box' sections of polyethylene foam filled closed cells, (or floats). Inflatable buoyancy booms use internally constructed air inflation chambers.





Inflatable

Product Name	Materials of Construction	Overall Height (mm)	Freeboard (mm)	Draft (mm)	Standard Length (m)
25i	PVC	250	120	130	3 or 5
35i	PVC or PU	350	150	200	10
45i	PVC or PUA	450	220	230	5, 10 or 20
60i	PVC or PU	600	270	330	10 or 20
75i	PU	750	320	430	10 or 20
110i	PU	1100	475	625	10 or 20

Inflatable Water Ballast

Product Name	Materials of Construction	Overall Height (mm)	Freeboard (mm)	Draft (mm)	Standard Length (m)
Bank Seal	PU	200	90	110	5
Mini Beach	PU	400	180	220	10 or 20
Beach Seal 550	PU	550	250	300	10 or 20
Beach Seal 550TW	PU	550	250	300	10 or 20
Super Beach	PU	600	300	300	10 or 20

Non-Inflatable – Permanent Buoyancy

Product Name	Materials of Construction	Overall Height (mm)	Freeboard (mm)	Draft (mm)	Standard Length (m)
25p	PVC	250	110	140	5 or 10
33p	PVC	330	150	180	5 or 10
50p	PVC or PUA	500	200	300	10, 15 or 20
70p	PVC, PUA or PU	700	300	400	10 or 15
85p	PVC, PUA or PU	850	375	475	10 or 15

Box Booms – Permanent Buoyancy

Product Name	Materials of Construction	Overall Height (mm)	Freeboard (mm)	Draft (mm)	Standard Length (m)
HoyBoom	Glass Fibre	600	150	450	6 or 10
HabourGard 30	Polyethylene	640	280	460	5, 10 or 15
HabourGard 40	Polyethylene	860	400	460	5, 10 or 15

ADDITIONAL FLEXIBLE PRODUCTS

- Self-Erecting Temporary Storage tanks
- Temporary oil/water separators
- Towed flexible storage containers
- Pillow tanks
- Lightweight Fold-away emergency rafts
- Temporary tank bunds
- Emergency Rollover tanks
- Welly washers



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