HEAVY DUTY BULKHEAD BOOM

TECHNICAL SPECIFICATION

Vikoma
Technology for a Cleaner Environment

oil containment booms

HD BULKHEAD BOOM RANGE

Application

The smooth profiled heavy duty bulkhead oil containment boom range is used for emergency or semi-permanent deployment situations. The boom material is highly weather and oil resistant, and resistant against UV degradation. Independent buoyancy chambers, formed by sealed internal bulkheads, allow the boom to maintain its integrity, and retain oil, should damage occur to any one chamber during operation.

Manufacture

Heavy-duty 2500 g/m2 neoprene rubber coated fabric, vulcanised under pressure to guarantee seam integrity.

Inflation / Deflation Valves

High capacity, spring loaded, marine use inflation - deflation valves are located in each air buoyancy chamber. Operating pressure of the bulkhead boom range is 0.02 bar.

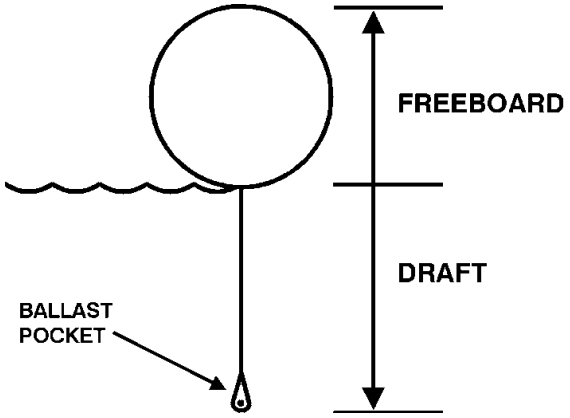
Ballast

Galvanised, long link ballast chain in skirt pocket, providing high tensile strength with good underwater profile for maximum oil retention. Vent holes ensure good drainage of the skirt pocket.

Section Connectors

Vikoma's patented Unicon™ connectors fitted as standard provide a simple quick fit connection system.

Unicon™ quick release connectors are extruded from marine grade aluminium and are highly resistant to corrosion. ASTM connectors can be supplied upon request



Inflators

Vikoma offers a range of inflators and can offer deflators to speed up recovery of boom. Refer to separate technical specifications.

Towing / Mooring Bridles

Towing Bridles facilitate easy manoeuvring and towing of the boom and are supplied complete with Unicon™ or ASTM connectors (see Tow Bridle specification). Purpose built mid section mooring points can be incorporated into the boom during manufacture.

Optional Accessories

Cold glue repair (SK/1041)
Hot glue repair (SK/1006)
Valve spares kit (SK/1014)
Anchor systems (by application)
Portable vulcanising machine (PS/0100)
Navlights (by application)

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Technical Information

	Main Operational Area (OPA 90)	Standard Section Lengths	Part No. U=Unicon A=ASTM	Overall Height mm (in)	Free-Board mm (in)	Draft mm (in)	Chambers per Boom Section	Boom Weight kg/m (lb/ft)
Hd 750	Protected Water	25m	HD/0001U HD/0001A	750	350	400	10	8.04
		50m	HD/0002U HD/0002A	(29.5)	(13.8)	(15.7)	20	(5.36)
Hd 1000	Open Water	25m	HD/0003U HD/0003A	1000	400	600	10	10.24
		50m	HD/0004U HD/0004A	(39.6)	(15.7)	(23.6)	20	(6.82)
Hd 1200	Open Water	25m	HD/0005U HD/0005A	1200	500	700	8	13
		50m	HD/0006U HD/0006A	(47.2)	(19.7)	(27.5)	16	(8.66)
Hd 1500	Open Water	25m	HD/0007U HD/0007A	1500	600	900	8	14.25
		50m	HD/0008U HD/0008A	(59)	(23.6)	(35.4)	16	(9.5)

	Tear Strength N (min)	Tensile Strength N/50mm (min)	Tensile Strength Fabric kN	Ballast Chain Size mm	Tensile Strength Chain kN	Air Porosity @ 0.3 bar
Hd 750	600	7000	270	9.5	44	Nil
Hd 1000	600	7000	362	12.5	74	Nil
Hd 1200	600	7000	414	12.5	74	Nil
Hd 1500	600	7000	535	12.5	74	Nil

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