ELASTEC

ShoreMax

Transition Boom

ELASTEC™

100% Employee Owned

Oil Spill Equipment | Floating Barriers | Incinerators

ShoreMax is a special purpose oil spill containment boom for use in shallow water environments or to transverse between the beach and the sea. It is ideal for making the transition between a conventional floating boom and the shoreline, equally it is very useful in swamp and marsh areas where the water level can rise and fall. Best suited to calm water conditions / non breaking waves on a soft bed. It features a water ballasted skirt comprising of two water tubes with a single top tube that provides buoyancy when the boom is floating. This tube is inflated or as an option can be fitted with foam floatation. When deployed in shallow water or dry land the twin water tubes will form a seal, preventing the spread of oil. The twin water tubes ensure the boom is stable.

ShoreMax is manufactured from welded heavy-duty 28 oz Urethane. The bright orange fabric is capable of withstanding degradation from sun, sea and oil. It lays flat when stowed, optimizing storage space. The orange color provides high visibility that greatly assists mariners and vessel operators avoid a potential navigational hazard. Supplied with ASTM compliant end connectors.

As standard the ShoreMax is supplied in manageable 50ft / 15m section lengths.
ShoreMax boom has individually filled air chambers, each chamber being equipped with the patented Monsun XG valve. This valve has a built-in non-return. Water tubes are fitted with a filling / emptying port with a plug.

Material Properties		
Base Fabric Weight:	7.90 oz/yd^2	269 g/m^2
Fabric Fiber / Style:	Polyester / Leno	
Coated Fabric Weight:	28 ± 2 oz/yd^2	952 ± 68 g/m^3
Coating Type:	TPU	
Coating Distribution:	50/50	
Sealing Properties:	Dielectric	Thermal
Tensile Strength, Grab:	Warp: 600 lb / 2,670 N (ASTM Test D751-A) - Fill: 500 lb / 2,220 N	
Tensile Strength, 1 inch Strip:	Warp: 375 lb / 1,670 N (ASTM Test D751-B) - Fill: 400 lb / 1,789 N	
Tear Strength, Tongue:	Warp: 100 lb / 445 N (ASTM Test D751-B mod) - Fill: 90 lb / 400 N	
Puncture, Screwdriver:	100 lb / 445 N (ASTM Test D751)	
Puncture, Ball:	900 lb / 4,000 N (ASTM Test D751)	
Hydrostatic Resistance:	600 psi / 4.1 MPa (ASTM Test D751-A)	
Adhesion RF:	40 lb/in / 178 N/cm (ASTM Test D751)	
Low Temp:	-65°F / -54°C	
High Temp, Cont/Interm:	180/200°F / 82/93°C (ASTM Test D1204)	
Abrasion Resistance:	1,500 cycles (ASTM Test D3884)	
Cold Crack Conditions:	4 hours and 1/8 inch mandrel	

The Monsun Valve Actuating Tool provides a simple, secure way to open and close Monsun valves during inflation, deflation, deployment, and recovery. Its compact T-handle design improves grip and control, allowing responders to operate the valve without removing protective gloves or other PPE.

Specifications

Operational Freeboard:	10 inch / 0.25 m or 12 inch / 0.3 m
Draft:	10 inch / 0.25 m or 12 inch / 0.3 m
Section Length:	50 ft / 15 m
Total Weight (Empty):	1.75 lb/ft / 2.6 kg/m or 2.25 lb/ft / 3.3kg/m
Ballast:	Twin water tubes
Splash-over Prevention:	Top fin
Handles:	Webbing straps fitted at section connector
Fabric:	29 oz (+/-2)
Standard Inflation Pressure:	0.75 psi / 0.05 bar
Air Valves:	Monsun XG type
Water Valve:	Port with screwed cap
Connectors:	ASTM Z connector or Universal Slide (others available on request)
Color:	High visibility safety orange
Shipping Information:	300 ft / 100 m on a pallet 72 x 42 x 38 inch / 1.83 x 1.07 x 0.97 m 603 lb / 274 kg approx.
Anchoring Points:	At every section connector
Life Expectancy:	At least 10 years if correctly stored and serviced
Cleaning:	Industrial detergents, pressure washing

Optional bag for storage and transportation available.

ELASTEC™
100% Employee Owned

1309 West Main St.
Carmi, Illinois 62821, USA
+1 (618) 382-2525
www.elastec.com elastec@elastec.com

000-MKT-SL-65
REV#3