

ELASTEC
MiniMax & MaxiMax
Rapid Deployment Containment Boom





Elastec manufactures a line of fence boom with added tension members combined with solid foam flotation. This oil and debris barrier is typically used for rapid deployment in ports and harbors for surrounding vessels or protecting resources. The construction employs top and bottom tension members (cable on top and chain on bottom). Even if the fabric is damaged these members will hold the boom together.



MiniMax and MaxiMax booms have low storage volume and can be stored on pallets or wound on reels*. This system is especially useful for ports and harbors where a quick response is required. These booms feature closed cell foam buoyancy panels, vertical stiffeners, galvanized chain ballast, stainless steel top tension cable, plus a choice of fabrics. Fence boom is typically used for static or low current applications. However, the 42" MaxiMax is fitted with extra buoyancy to support sweeping type operations.

MINIMAX SPECIFICATIONS

Height	17 inch / 430 mm
Freeboard	6 inch / 150 mm
Draft	11 inch / 280 mm
Top Tension	3/16 inch / 5 mm Stainless Cable
Bottom Tension	3/16 inch 5 mm Galv. Steel Chain
Weight	1.2 lb/ft / 1.8 kg/m
Actual Breaking Strength	6,400 lb / 2,903 kg
Float Thickness	Rectangular Panels 2 inch / 50 mm
Reelable	Yes
ASTM F1523 Compliance	Calm Water



MAXIMAX SPECIFICATIONS

Height	25 inch / 635 mm	30 inch / 760 mm	36 inch / 910 mm	42 inch / 1,016 mm	44 inch / 1,100 mm
Freeboard	8 inch / 200 mm	10 inch / 250 mm	11 inch / 280 mm	15 inch / 380 mm	15.75 inch / 400 mm
Draft	17 inch / 430 mm	20 inch / 510 mm	25 inch / 635 mm	27 inch / 680 mm	27.5 inch / 700 mm
Top Tension	1/4 inch / 6 mm Stainless Cable		5/16 inch / 8 mm Stainless Cable		
Bottom Tension	3/8 inch / 10 mm Galv. Steel Chain		1/2 inch / 12 mm Galv. Steel Chain		
Weight	2.5 lb/ft / 3.7 kg/m	2.6 lb/ft / 3.9 kg/m	2.8 lb/ft / 4.2 kg/m	5 lb/ft / 7.4 kg/m	5 lb/ft / 7.4 kg/m
Actual Breaking Strength	6,400 lb	12,500 lb	16,500 lb		
	2,903 kg	5,669 kg	7,484 kg		
Float Thickness	Rectangular Panels 2 inch / 50 mm		4 inch / 100 mm	2 inch / 50 mm	
Reelable	Yes	Yes	Yes	No*	Yes
ASTM F1523 Compliance	Calm Water	Protected Water		Protected Water	

GENERAL SPECIFICATIONS

Section Lengths:	25, 50, 100ft / 7.5, 15, 30m
Anchoring Points:	At section connectors
Fabric:	22 oz / 735 gsm PVC (other available on request)
Construction:	Fully welded
Stiffeners:	Vertical stiffeners are fitted between each float for stability
Anodes:	Fitted at section connectors
Handles:	Fitted along the boom

MaxiMax boom comes in standard section lengths of 50ft or 100ft (15m or 30m). MiniMax is also available in 25ft (7.5m) sections. Custom section lengths and boom sizes are available on request. The boom is fitted with ASTM compliant interchangeable end connectors for rapid coupling of sections. End connectors are fitted with sacrificial Zinc anodes.



The construction of these booms does not use sewing that would allow water to enter the float chambers, instead its' float pockets are fully welded for a water tight seal. The floats are closed cell ensuring that they will not take up water and provides strength to be wound on a reel without deformation.

Manufactured in fully welded 22oz PVC material (other fabrics available on request), this boom is fitted with handles and anchor points, as well as being offered with a variety of accessories such as anchors, lights, repair kits, towing sets and reflectors.



Options and Accessories

Repair	Standard fabric repair kits with hot air gun technology. Boom connector replacement kits
Anchoring and mooring systems available	Anchors - single / dual, Tide Slides, Pile Tether, Pile Slider
Storage / deployment systems available	Reels (static or trailer), Container systems, Racks
Customization	Light / Radar reflectors / hangers / size / section length / fabrics
Colors	yellow / orange
Marking	Silk screening
Packing	Bulk, wrapped in filtercloth, pallets, boxes or crates

Other Standards and Federal Regulation

F625/F625M-94(2022) Standard Practice for Classifying Water Bodies for Spill Control Systems
F818-16(2020) Standard Terminology Relating to Spill Response Booms and Barriers
F1523-94(2023) Standard Guide for Selection of Booms in Accordance With Water Body Classifications
F2084/F2084M-01(2024) Standard Guide for Collecting Containment Boom Performance Data in Controlled Environments
F2683-11(2024) Standard Guide for Selection of Booms for Oil-Spill Response
ISO 17325-1 2014 Ships and marine technology - Marine environment protection - Oil booms
ISO 9001 Quality Management Systems (QMS)



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