

Containment Boom



Floating containment boom is manufactured from a variety of extremely durable, flexible thermoplastic fabrics. These fabrics are dielectrically sealed to form enclosures for flotation logs and for the galvanized chain ballast that also serves as a tension member. A skirt that extends below the surface of the water provides a flexible floating barrier.

Customization options include:

- flotation diameters
- skirt lengths
- chain ballast sizes
- fabric types
- top tension cable sizes and types
- end couplers

Inland and Nearshore Boom cover everything from small bodies of water where no prevailing winds or currents will prevent removal, to large lakes, bays, or harbors, where winds create significant waves, and where there are currents and tidal flows.

Offshore Boom are used in open waters, such as large lakes, bays, harbors or ocean environments. Top cable is recommended when several hundred feet are deployed, and 3/8" chain ballast is recommended when tidal flows or currents exist.

Perma-Boom is a permanent floating oil spill barrier specially designed and built for long-term service, and is used at fuel docks, offshore platforms, shipyards, refinery terminals, cargo terminals, dry docks, ferry terminals, and marinas.

Made of heavy-duty PVC belting, Perma-Boom is treated for resistance to sunlight and with marine growth inhibitors, and is available in standard black or by special order in a variety of colors. We offer polyurethane belting for jobs requiring high abrasion resistance, in standard orange or by special order in a variety of colors.

We know firsthand how crucial a quick turnaround is for spill response. Time means money, environmental impact, and lost productivity.



Inland & Nearshore Containment Boom

Size	Diameter Flotation	Skirt Depth	Galvanized Chain Ballast	Recommended Section Lengths	Recommended Uses/Conditions *
2.5" x 4"	2.5"	4"	1/4"	25', 50' and 100'	SS, C, SP, LW
4" x 6"	4"	6"	1/4" or 5/16"	25', 50' and 100'	P, SL, S, C, SR
4" x 9"	4"	9"	1/4" or 5/16"	25', 50' and 100'	Broad Coverage (contractors)
6" x 6"	6"	6"	1/4" or 5/16" or 3/8"	50' and 100'	MW, SW, MC
6" x 9"	6"	9"	1/4" or 5/16" or 3/8"	50' and 100'	Broad Coverage (contractors)
6" x 12"	6"	12"	1/4" or 5/16" or 3/8"	50' and 100'	L, OB

Inland & Nearshore / Offshore Containment Boom

Size	Diameter Flotation	Skirt Depth	Galvanized Chain Ballast	Recommended Section Lengths	Recommended Uses/Conditions *
8" x 12"	8"	12"	1/4" or 5/16" or 3/8"	50' and 100'	OW
8" x 24"	8"	24"	1/4" or 5/16" or 3/8"	50' and 100'	OW

Offshore Containment Boom

Size	Diameter Flotation	Skirt Depth	Galvanized Chain Ballast	Recommended Section Lengths	Recommended Uses/Conditions *
10" x 24"	10"	24"	1/4" or 5/16" or 3/8"	50' and 100'	OW
10" x 36"	10"	36"	1/4" or 5/16" or 3/8"	50' and 100'	OW
12" x 24"	12"	24"	1/4" or 5/16" or 3/8"	50' and 100'	OW
12" x 36"	12"	36"	1/4" or 5/16" or 3/8"	50' and 100'	OW

* Uses/Conditions Key

SS = small stream
C = creeks
SP = stock ponds
LW = low water

P = ponds
SL = small lakes
S = streams
SR = small rivers

MW = moderate wind
SW = shallow water
MC = moderate current
L = lakes

OB = open bodies of water
OW = open water (large lakes, bays, harbors)

Perma-Boom

Item	24" Perma-Boom	36" Perma-Boom
Freeboard	11"	12"
Draft	13"	24"
Length (standard)	100'	100'
Weight	4.3 lbs/ft	7.0 lbs/ft
Reserve Buoyancy	6.9 lbs/ft	8.9 lbs/ft
Tensile Strength (warp)	PVC: 36,000 lbs. break strength/8,000 lbs. working strength; Urethane: 33,600 lbs.	PVC: 54,000 lbs. break strength/10,000 lbs. working strength; Urethane: 50,400 lbs.