

HEAVY DUTY PVC & URETHANE BARRIERS SPECIFICATIONS

ITEM	18" Perma-Boom	24" Perma-Boom	36" Perma-Boom
Freeboard	11 inches	11 inches	12 inches
Draft	7 inches	13 inches	24 inches
Length (STD)	100 ft. or 50 ft. (Custom lengths available)		
Connectors	Z – ASTM F0962-04 • Slide – ASTM F2438-04, Universal Slide PVC • US Navy –(Male/Female) Other connectors provided upon request & availability		
Weight	3.24 lbs./ft. (est.)	4.3 lbs./ft. (est.)	7.0 lbs./ft.(est.)
Floatation (STD)	High Density Polyethylene shells that are impregnated with UVEX™ an anti-oxidant and UV Stabilizer package which makes them exceptionally color stable and highly resistant to light degradation. The shell is filled with oil-impervious closed-cell urethane foam. The standard colors include International Orange, Black and Yellow. Floats can be sealed or unsealed depending on customer requirements. Other colors are available by special order.		
Ballast Type	Lead Weights with Stainless Steel Bolts		
Hardware	Standard attachment hardware for floats, ballast and end-connectors are stainless steel (available in 304 or 316 alloy)		
Anchor Points	Single or Double - Eye bolts added as per customers requirements (if placed in belting an oversized fender washer is used)		
Barrier Material	PVC Belting 150 oz. Double Impregnated PVC Polyester Fabric Belting with U-V and Marine Growth Inhibitors - (Color Black)	Polyurethane Belting 80oz. or 100 oz. Polyurethane Fabric Belting with UV and Marine Growth Inhibitors – (Color Orange) For high abrasion resistance applications	
Tensile Strength (Warp)	PVC Belting 36,000 lbs. – 54,00lbs. Break Strength 8,000 lbs. – 10,000 lbs. Working Strength	Polyurethane Belting 33,600 lbs. – 38,400 lbs. Break Strength 16,800 lbs. Working Strength	
Tear Strength (Fill)	PVC Belting 1,500 lbs.	Polyurethane Belting 1,400 lbs./in/ - 1,600 lbs./in.	
Fire Resistance	PVC Belting Belting is self-extinguishing	Polyurethane Belting Belting is self-extinguishing	
Standard Application	PVC Belting Harbors, Dry Docks, Fuel Docks, Shipyards	Polyurethane Belting Military or high abrasion resistance applications	

Let us design, manufacture and install a permanent containment boom system to meet your spill contingency requirements.