



The [Type 2 Heavy Duty Turbidity and Silt Barrier](#) is designed tough for jobs that require **high strength** and **performance ability**. Made from heavy-duty materials, these barriers are designed to control turbidity and meet most state DOT regulations. Installation guidance, site review and custom designs are available.

Perfect for use in:

- Rivers
- Inland Waters
- Dredging Projects
- DOT Projects
- Remediation
- Harbors, Bays
- Marine Construction

Typical Barrier Specifications (other sizes, materials, etc. available)

Flotation	Fabric	Section Connectors	Bottom Chain	Standard Length	Freeboard	Draft
8" - 12" Marine Grade Material (depending on skirt depth)	22 oz. PVC Fabric	Universal Slide Bolt Connectors	5/16" Galvanized Steel Chain	50' or 100'	8-12" Depending on Skirt Depth	3' - 100'





Description: Granite [Type 2 Heavy Duty Silt Barrier](#) is manufactured in two designs:

1. Silt Barrier with permeable silt filter panels.
2. Silt Barrier with impermeable silt blocking skirts. This model comes with marine grade floats seamed into heavy duty coated reinforced PVC membrane, 1 each steel load bearing cable, and a heavy ballast chain to assist in keeping skirt vertical and lower tension member.

Floatation Element: 8" to 10' deep then 12" diameter octagonal marine quality floats placed end to end and dielectrically sealed into coated membrane sleeve along the top of the barrier. These have joints between floats to allow folding for shipment, storage and more importantly for conformance to wave action.

Membrane: 22 ounce per square yard vinyl coated nylon or polyester or a combination with geotextile filter panel depending on application.

Base: 22 oz PVC fabric International Safety Yellow 500 x 550 Lbs/ square Inch tensile strength (*Spec sheet available on request*)

Filter Panel: W-70 @ 6% with vertical flow of 70gpm (*Spec sheet available*)

Tension Cable: 1 each 5/16 inch vinyl coated galvanized steel cable at the waterline. The cable is secured to each end connector of the curtain section and seamed into the PVC fabric for superior performance in currents and waves.





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Type 2 Heavy Duty Silt Barrier

- Lower Tension** Ballast is provided by a 5/16 inch galvanized steel chain sheathed in 22 oz membrane along the bottom edge of the skirt. This acts as a lower tension member by terminating in stainless steel stress plates on each skirt corner and bolted with no fewer than 4 stainless steel bolts allowing minimum load transfer of 5000 lbs of tensile from membrane.
- Section Connector:** Sections connect by sliding together the two halves of Universal slide bulk connectors that extend from the top of the flotation down a minimum of 20". The skirts are joined by ties between reinforced steel grommets on the two opposing silt barriers. The ballast connect via galvanized steel snap hook and galvanized ring make the joint complete from top to bottom. This is a tool free connection.
- Furling System:** Built to raise and lower the curtain skirt (Optional)



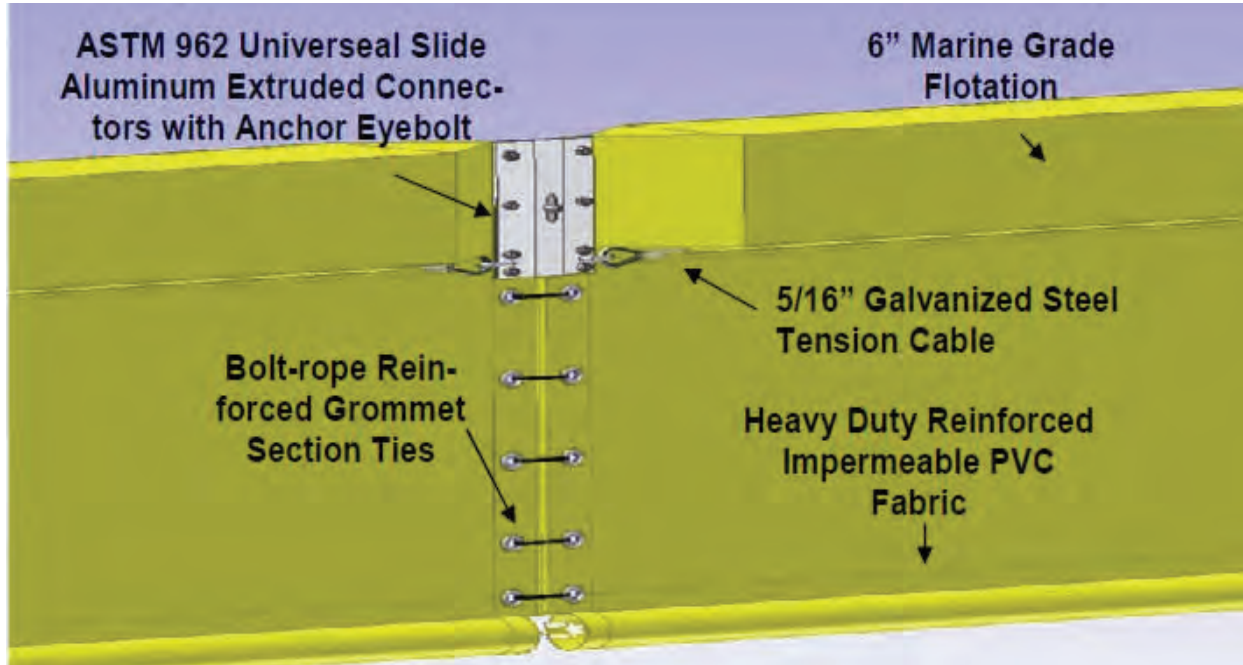
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Type 2 Heavy Duty Silt Barrier



Accessories:

- Oil Spill Equipment
- Marker Buoys
- Anchor System
- Repair Kits
- Debris Boom
- Geotextile Sludge Tubes
- Navigational Warning Lights



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