



Type 3 HEAVY DUTY
Silt Barrier

www.Type3SiltBarrier.com

OR

www.TurbidityBarriers.com

- Current, Waves and Wind
- 1.5 Knot, 2 Foot Waves, 30 Mph wind
- Rugged for USACE and DOT projects for dredging and remediation work.
- Bays, Rivers and Inland Waters
- Meets and Exceeds most State DOT Federal Requirement
- Rapid deployment - durable

DESCRIPTION:

Granite Type 3 Heavy Duty Silt Barrier is manufactured with permeable silt filter panels or impermeable silt blocking skirts with marine grade floats seamed into heavy duty coated reinforced PVC membrane, 2 each steel load bearing cables, a heavy ballast chain to assist in keeping skirt vertical and lower tension member.

TYPICAL LENGTH:

Normally 100 feet (30 m) but adjustable by special order to any length. (additional cost applies for varied length/s)

DRAFT:

Any depths from 3 feet (1 m) to 100 feet (30 m).

FREEBOARD:

12 inches.

FLOTATION ELEMENT:

12" diameter GRADE A 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.

100' (30m) and 50' (15m) Long sections x 3' (1 m) wide to 100' (30m)

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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
(specification sheet available on request)

FILTER PANEL:
(Optional Skirt design) W-70 @ 6% with vertical flow of 70gpm
(specification sheet available on request)

TENSION CABLES: 2 each 5/16 inch vinyl coated galvanized steel cable, one on each side of the skirt 20 inches below the flotation. These cables are secured to each end connector of the curtain section and clipped together with lap links and grommets every 30 inches for superior performance in current.

LOWER TENSION & BALLAST: Ballast is provided by a 3/8 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 CONNECTION: Sections of Heavy Duty Type 3 Silt Barrier connect by sliding together the two halves of Universeal 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.

ANCHOR POINTS: Anchor points are provided every 50' at the tension cable line on both side of the barrier.

Skirt Furling System: To furl/raise and lower the curtain skirt to varied operation depths
(Optional at additional charge).

Accessories: Oil Spill Equipment, Navigational Warning Lights, Marker Buoys, Anchor Systems, Geotextile Sludge Tubes, Repair Kits, Debris Boom.

[Installation Guide available](#) < -- CLICK HERE or visit www.SILT-BARRIER.com

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