

TURBIDITY CURTAINS

TYPE 2 AND 3



ENVIRO
-USA™

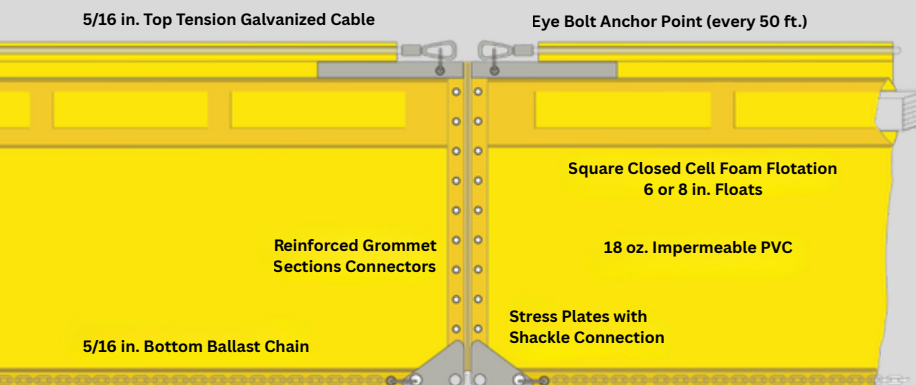


TURBIDITY CURTAIN - TYPE 2

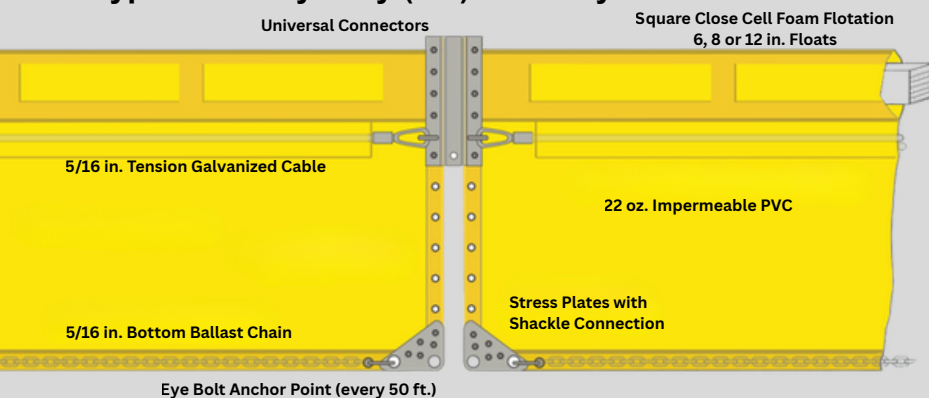


Engineered for moving water, waves, and moderate conditions. Recommended for use in areas with flows up to 2 knots, moderate wind, and waves up to 2 ft. Customizations available to meet your specific project needs.

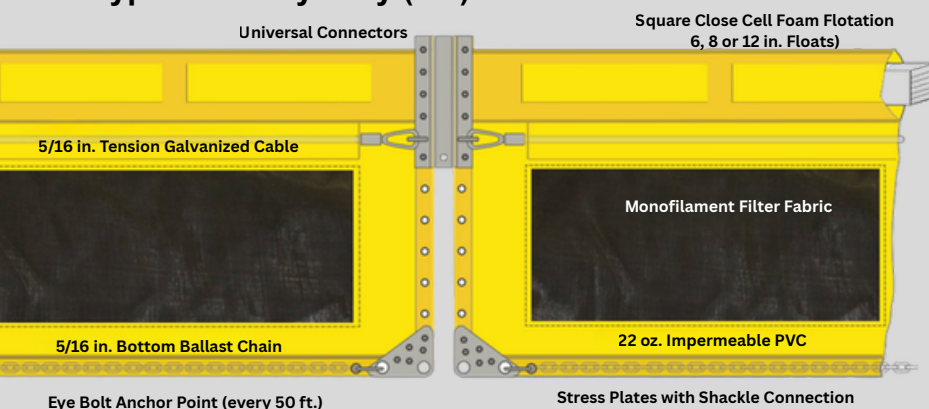
Type 2 - DOT Turbidity Curtain



Type 2 - Heavy Duty (HD) Turbidity Curtain



Type 2 - Heavy Duty (HD) Permeable Curtain



TYPE 1 Light-Duty and DOT Turbidity Curtains also available. See our website for more.

TYPE 2 - DOT Specifications

Length:	50 ft., 100 ft., Custom
Skirt Draft Depths:	5 ft. Standard (3 ft.-20 ft. <i>Upon Request</i>)
Fabric Material:	18 oz. PVC Coated Polyester
Float Type:	Square Foam Filled Flotation
Float Size:	6 in. or 8 in.
Top Tension Cable:	5/16 in. Tension Cable Above Float
Bottom Ballast Chain:	5/16 in. Galvanized Chain
Section Connectors:	Top & Bottom Stress Plates, Grommets
Color:	Yellow
Anchor Point:	Every 50 ft.

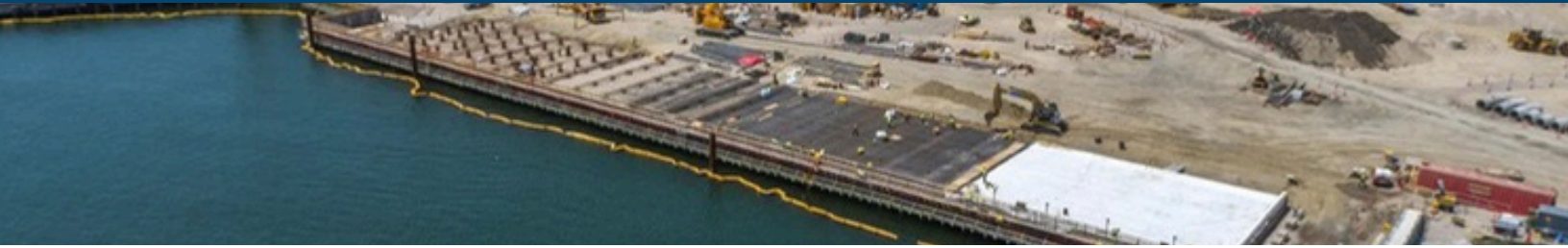
TYPE 2 - HD Specifications

Length:	50 ft., 100 ft., Custom
Skirt Draft Depths:	5 ft. Standard (3 ft.-100 ft. <i>Upon Request</i>)
Fabric Material:	22 oz. PVC Coated Polyester
Float Type:	Square Foam Filled Flotation
Float Size:	6 in., 8 in., or 12 in.
Top Tension Cable:	5/16 in. Tension Cable Below Float
Bottom Ballast Chain:	5/16 in. Galvanized Chain
Section Connectors:	ASTM Universal Slide Connector
Color:	Yellow
Anchor Point:	Every 50 ft.

TYPE 2 - HD PERMEABLE Specifications

Length:	50 ft., 100 ft., Custom
Skirt Draft Depths:	5 ft. Standard (3 ft.-100 ft. <i>Upon Request</i>)
Fabric Material:	22 oz. PVC Coated Polyester with Monofilament
Float Type:	Square Foam Filled Flotation
Float Size:	6 in., 8 in., or 12 in.
Top Tension Cable:	5/16 in. Tension Cable Below Float
Bottom Ballast Chain:	5/16 in. Galvanized Chain
Section Connectors:	ASTM Universal Slide Connector
Color:	Yellow
Anchor Point:	Every 50 ft.

TURBIDITY CURTAIN - TYPE 3



Designed for fast water, waves, or demanding conditions with flows up to 3 knots. Includes 5/16 in. vinyl-sheathed galvanized steel cables, square buoyancy floats, and ASTM Universal Slide Connectors for maximum structural integrity during dredging, shoreline restoration, and marine construction. Customizations available to meet your specific project needs.

TYPE 3 - DOT Specifications

Length:	50 ft. and 100 ft.
Skirt Draft Depths:	5 ft. Standard (3 ft. - 20 ft. <i>Upon Request</i>)
Fabric Material:	18 oz. PVC Coated Polyester with Monofilament
Float Type:	Square Foam Filled Flotation
Float Size:	8 in.
Top Tension Cable:	5/16 in. Galvanized Steel Cable Sheathed in Vinyl
Bottom Ballast Chain:	5/16 in. Galvanized Steel Chain
Section Connectors:	Grommets
Color:	Yellow
Anchor Point:	Every 50 ft. with Top and Bottom Stress Plates

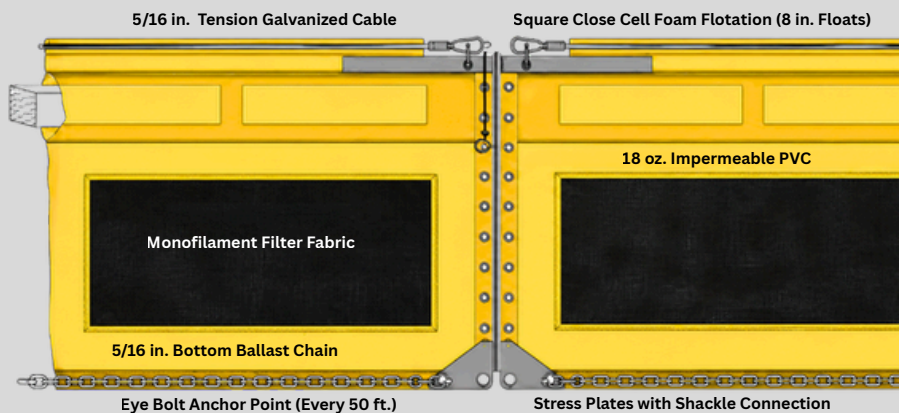
TYPE 3 - HD Specifications

Length:	50 ft., Custom
Skirt Draft Depths:	5 ft. Standard (3 ft. - 100 ft. <i>Upon Request</i>)
Fabric Material:	22 oz. PVC Coated Polyester
Float Type:	Square Foam Filled Flotation
Float Size:	12 in.
Top Tension Cable:	Dual - 5/16 in. Galvanized Steel Cable
Bottom Ballast Chain:	3/8 in. Galvanized Steel Chain
Section Connectors:	ASTM Universal Slide Connectors, Stress Plates, Grommets
Color:	Yellow
Anchor Point:	Every 50 ft.

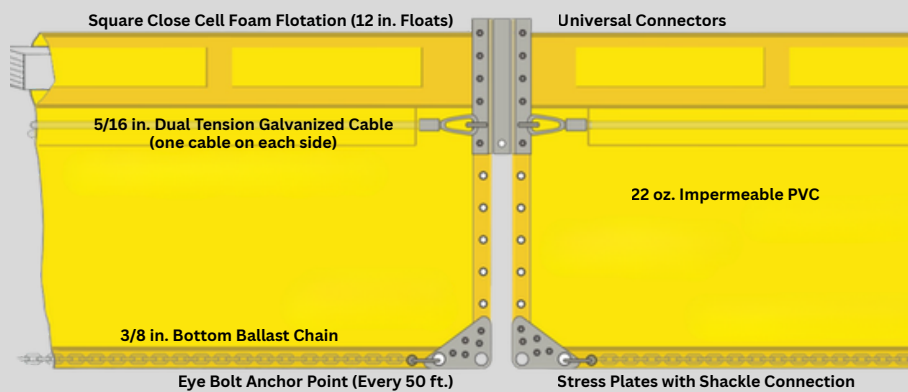
TYPE 3 - HD PERMEABLE Specifications

Length:	50 ft., Custom
Skirt Draft Depths:	5 ft. Standard (3 ft. - 100 ft. <i>Upon Request</i>)
Fabric Material:	22 oz. PVC Coated Polyester with Monofilament
Float Type:	Square Foam Filled Flotation
Float Size:	12 in.
Top Tension Cable:	Dual 5/16 in. Galvanized Steel Cable Sheathed in Vinyl
Bottom Ballast Chain:	3/8 in. Galvanized Steel Chain
Section Connectors:	ASTM Universal Slide Connectors, Stress Plates, Grommets
Color:	Yellow
Anchor Point:	Every 50 ft.

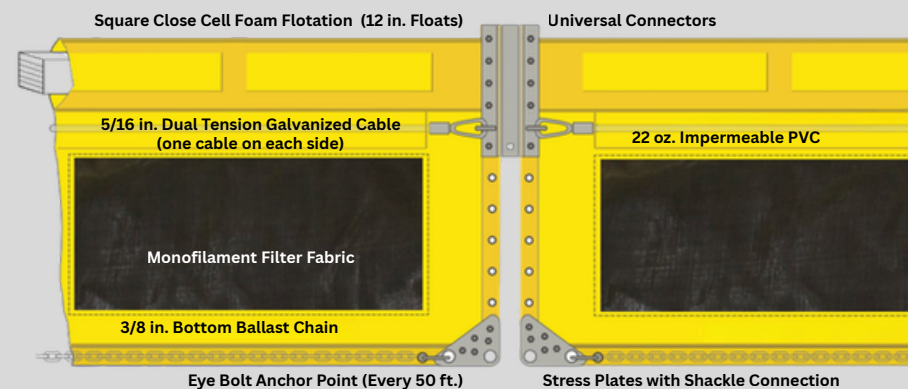
Type 3 - DOT Permeable Turbidity Curtain



Type 3 - Heavy Duty (HD) Turbidity Curtain



Type 3 - Heavy Duty (HD) Permeable Curtain



What is Turbidity?

Turbidity is a measure of how cloudy or hazy the water is. It's caused by tiny particles suspended in the water, like dirt, silt, mud, algae, or even microscopic organisms. When there are a lot of these particles, light can't pass through as easily, making the water appear murky.

What is a Turbidity Curtain?

A turbidity curtain is a specialized floating environmental control system designed to contain and manage suspended sediment, silt, and other particles in a body of water during in-water construction activities. It creates a physical barrier that helps limit the spread of turbid water, protecting nearby shorelines, aquatic habitats, and environmentally sensitive areas. Turbidity curtains are commonly used for marine construction, dredging, shoreline restoration, bridge and dock projects, and environmental remediation. By helping contain sediment at the source, they support regulatory compliance, improve water quality, and minimize environmental impacts during construction.

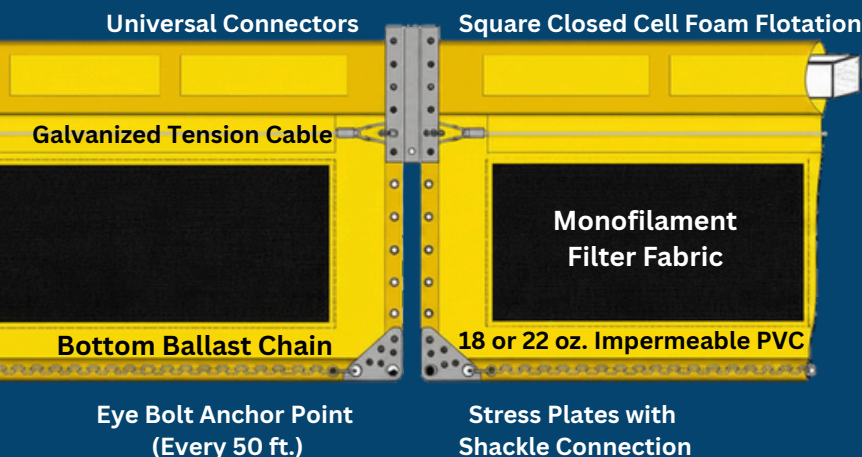
Anatomy of a Turbidity Curtain

A turbidity curtain acts as a vertical barrier consisting of three main components:

- **Flotation Segment:** A buoyant top chamber that rides the water's surface, keeping the system afloat and visible.
- **The Skirt:** A heavy-duty fabric panel that hangs beneath the floats in the water to block or filter sediment travel.
- **The Ballast/Chain:** A weighted chain built into the bottom hem of the skirt to ensure it hangs vertically and resists being pushed upward by moving underwater currents.

How to Choose a Turbidity Curtain

Choosing the right turbidity curtain starts with evaluating your project's specific site conditions, including water depth, current velocity, wave action, wind exposure, and the expected duration of the project. These factors determine the appropriate curtain classification and design needed to provide effective sediment containment while maintaining stability in the field. Selecting the correct turbidity curtain helps ensure regulatory compliance, minimizes the risk of equipment failure and environmental impacts, and can prevent costly project delays and regulatory fines.



Enviro-USA™ carries a full line of accessories including Anchor Kits, Market Lights, Buoys, Reefing Lines, Tow Bridles and Repair Kits!