

TECHNICAL DATA SHEET

IVI Type I Turbidity Curtain - with Top Load Cable with 18 oz. PVC Coated Fabric

IVI Type I Turbidity Curtain is recommended for construction sites located in protected areas (ponds, shallow lakes, small streams, and marshes) that are exposed only to light winds and to current velocities of less than 1.5 feet per second. Minimum anchorage may be required to maintain perimeter configuration.

Standard Features

- Curtain and Flotation Fabric: Non-permeable, 18 oz. yellow PVC coated polyester
- Section Length: 50 LF or 100 LF
- Heat sealed seams
- 5000# break strength webbing
- #4 spur grommets every 12" on center on edge of curtain for connection
- Grommets every 5' along bottom edge for extra ballast weight
- 5/16" 7x19 vinyl coated, galvanized steel top load cable 9800# break strength
- Galvanized steel safety snap top connection

Other Specifications

Curtain Depth 3' to 10'

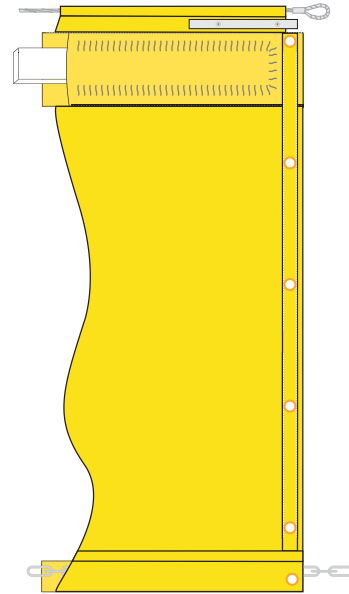
6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy, 5/16" ballast chain

Curtain Depth 11' to 14'

8" x 8" EPS foam blocks providing 26.7 lbs per LF buoyancy, 5/16" ballast chain

Curtain Depth 15' and above

12" x 12" EPS foam blocks providing 60 lbs per LF buoyancy, 5/16" ballast chain



NOTES: Depth measured from top of flotation device to bottom of curtain. Specified fabrics will be supplied per order: Permeable and non permeable. Buoyancy increased when specified. Ballast chain increased when specified.

The IVI Type I with Cable Turbidity Curtain fabric meets or exceeds the following specifications:

| Properties | Test Method | Typical Value |
|-----------------|-----------------------|---------------------------|
| Material Weight | FS 5040 / ASTM D-3776 | 18.5 oz sq yd |
| Yarn | | Polyester |
| Count | | 18 x17 |
| Denier | | 1000 x 1300 |
| Grab Tensile | FS 5100 / ASTM D-5034 | 375 x 375 lbs/in |
| Tongue Tear | FS 5134 / ASTM D-2261 | 100 x 100 lbs |
| Adhesion | FS 5970 / ASTM D-751 | 26 lbs/ 2" |
| Cold Crack | FS 5874 | -30F |
| Treatments | | Anti-Mildew & UV Pigments |
| Finish | | Matte |

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