

## TECHNICAL DATA SHEET

### IVI-66 DOT Turbidity Curtain

IVI-66 DOT 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. The IVI NTPEP number is GTX-2021-01-086.

#### Standard Features

- Curtain Fabric: permeable, 8 oz. non-woven NTPEP fabric
- Flotation Fabric: permeable, 8 oz. non-woven NTPEP fabric
- Section Length: 50 LF or 100 LF
- 1500# break strength webbing
- #4 spur grommets every 12" on center on edge of curtain for connection
- Extra grommets in flotation chamber on edge for connection

#### Other Specifications

##### Curtain Depth 3' to 10'

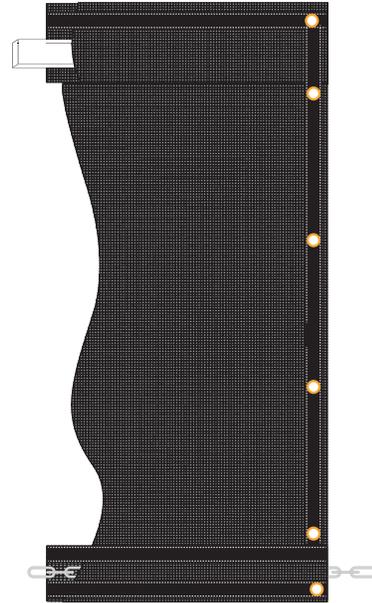
6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy, 5/16" ballast chain

##### Curtain Depth 11' to 14'

8" x 8" EPS foam blocks providing 26.7 lbs per LF buoyancy, 5/16" ballast chain, 1500# webbing along bottom edge, Grommets every 5' for extra ballast weight

##### Curtain Depth 15' and above

12" x 12" EPS foam blocks providing 60.0 lbs per LF buoyancy, 5/16" ballast chain, 5000# webbing along bottom edge, Grommets every 5' for extra ballast weight



**NOTE:** 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.

PRODUCT TEST DATA		
Physical Property	Test Method	MARV
Weight	ASTM D-5261	8.0 oz/yd <sup>2</sup> (271 g/m <sup>2</sup> )
Grab Tensile Strength MD / TD	ASTM D-4632	223 lbs / 230 lbs (991 N / 1023 N)
Grab Elongation MD / TD	ASTM D-4632	51% / 60%
Trapezoidal Tear MD / TD	ASTM D-4533	90 lbs / 100 lbs (400 N / 444 N)
UV Resistance (@ 500 hrs)	ASTM D-4355	70%
CBR Puncture	ASTM D-6241	775 lbs (3447 N)
Permittivity	ASTM D-4491	1.6 sec <sup>-1</sup>
Flow Rate	ASTM D-4491	119 gpm/ft <sup>2</sup> (450 l/min/m <sup>2</sup> )
Apparent Opening Size (AOS)*	ASTM D-4751	100 U.S. Sieve (0.49 mm)

\*Maximum average roll value.

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