

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 GTX2015-01-227.

Standard Features

- Curtain Fabric: permeable, 8 oz. non-woven NTPEP fabric
- Floatation 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'

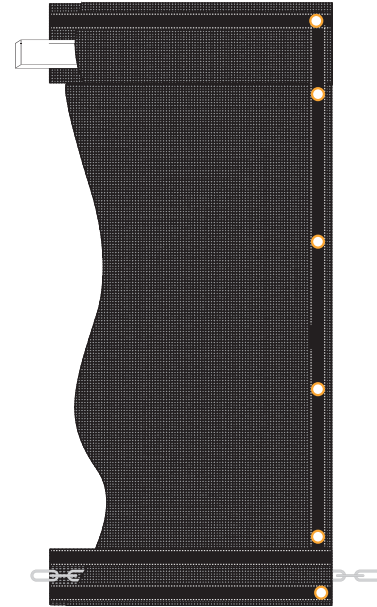
6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy, 5/16" ballast chain

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



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.

PRODUCT TEST DATA		
Physical Property	Test Method	MARV
Grab Tensile Strength	ASTM D-4632	205 lbs (.91 kN)
Grab Elongation	ASTM D-4632	50%
Trapezoidal Tear	ASTM D-4533	80 lbs (.359 kN)
CBR Puncture Resistance	ASTM D-6241	525 lbs (2.335 kN)
UV Resistance (@ 500 hrs)	ASTM D-4355	70%
Permittivity	ASTM D-4491	1.4 sec ⁻¹
Water Flow Rate	ASTM D-4491	90 gpm/ft ² (3675 l/m ²)
Apparent Opening Size (AOS)*	ASTM D-4751	80 U.S. Sieve (0.18 mm)

*Maximum average roll value.

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