

Indian Valley Industries, Inc.

Technical Data Sheet

IVI Type I Turbidity Curtain 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

Other Specifications

Curtain Depth 3' to 10'

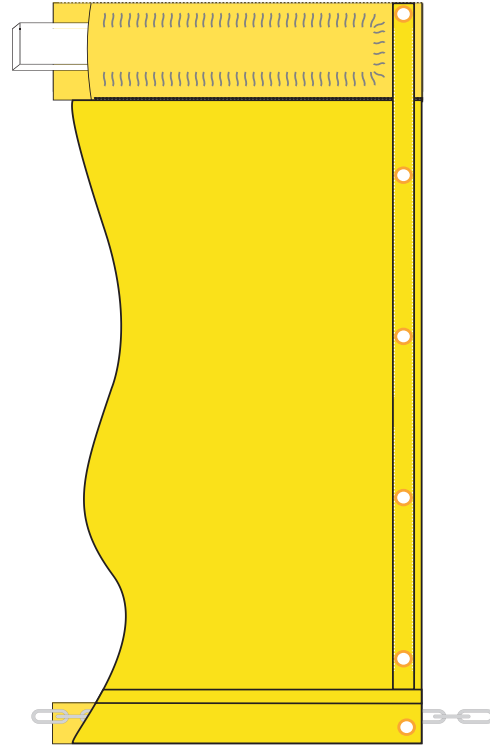
6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy, 5/16" ballast chain

Curtain Depth 11' to 14'

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

Curtain Depth 15' and above

12" x 12" EPS foam blocks providing 60 lbs per LF buoyancy 5/16" ballast chain, grommets every 5' along bottom edge 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.

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

Physical		
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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