Indian Valley Industries, Inc.

Technical Data Sheet

IVI-66 Turbidity Curtain

IVI-66 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 Fabric: permeable

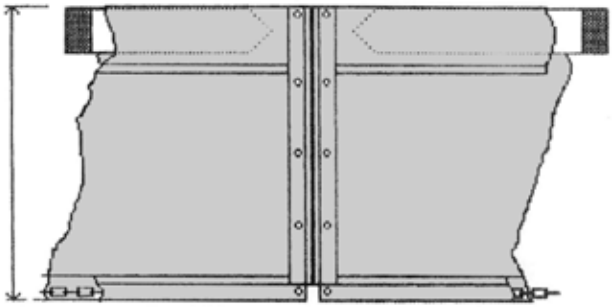
Section Length: 50 LF or 100 LF

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

Connection clips



The IVI-66 curtain fabric is a woven polypropylene fabric that will meet or exceed the following typical values:

Physical		
Properties	**Test Method**	**Typical Value**
Tensile Strength (warp/fill)	ASTM D-4632	315 lbs / 315 lbs
Elongation (warp/fill)	ASTM D-4632	15% / 10%
Trapezoid Tear (warp/fill)	ASTM D-4533	120 lbs / 120 lbs
Puncture Strength	ASTM D-4833	120 lbs
Apparent Opening Size	ASTM D-4751	40 (0.425mm)
Permittivity	ASTM D-4491	.050 Sec^{-1}
UV Resistance	ASTM D-4355	70%
Water Flow Rate	ASTM D-4491	4 gpm/sf
AASHTO M-288 NTPEP Tested		Class 1
Color		Black

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. Except when agreed to in writing for specific conditions of use, no warranty or guarantee expressed or implied is made regarding the performance of any product, since the manner of use and handling are beyond our control. Nothing contained herein is to be construed as permission or as a recommendation to infringe any patent.

Other Specifications

Curtain Depth 3' to 11'	6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy 1/4" ballast chain
Curtain Depth 12' to 15'	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 16' and above	8" x 8" EPS foam blocks providing 26.7 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.

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