

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 slit film
- 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'

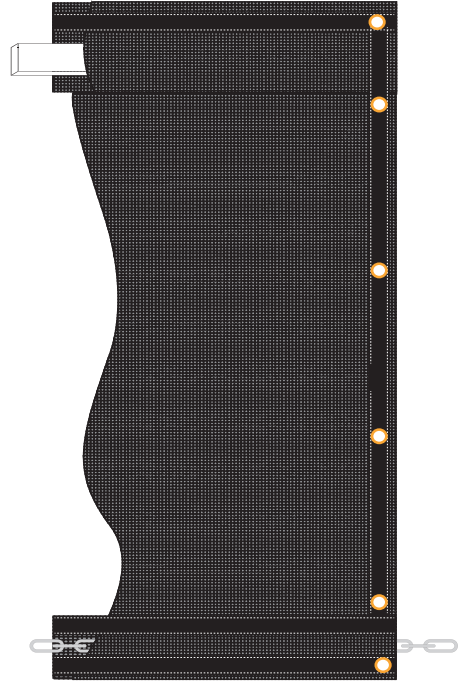
6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy, 1/4" ballast chain

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.

The IVI-66 curtain fabric is a permeable, woven polypropylene that meets the following typical values:

Properties	Test Method	Typical Value
Grab Tensile Strength	ASTM D-4632	315 lbs (1.40 kN)
Grab Tensile Elongation	ASTM D-4632	15%
Mullen Burst	ASTM D-3786	600 psi (4138 kPa)
Trapezoidal Tear	ASTM D-4533	115 lbs (0.51 kN)
Puncture Resistance	ASTM D-4833	150 lbs (0.66 kN)
CBR Puncture	ASTM D-6241	900 lbs (4.00 kN)
UV Resistance (500 hours)	ASTM D-4355	70% strength retained
Permittivity ¹	ASTM D-4491	0.05 sec ⁻¹
Water Flow Rate ¹	ASTM D-4491	4 gpm/ft ² (160 lpm/m ²)
Percent Open Area	CW-02215	<1%
Apparent Opening Size ¹	ASTM D-4751	40 U.S. Sieve (0.425mm)

1 - Handling, at time of manufacturing, may change these properties.

Unless otherwise stated, all values stated here are Minimum Average Roll Values (MARV), are calculated as the Typical minus two standard deviations and are based on a 97.7% confidence level. The properties reported above are effective 07/01/10 and are subject to change without notice.

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.

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