Indian Valley Industries, Inc.

Technical Data Sheet

IVI 6% Turbidity Curtain

New Hampshire DOT Specification

IVI 6% 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

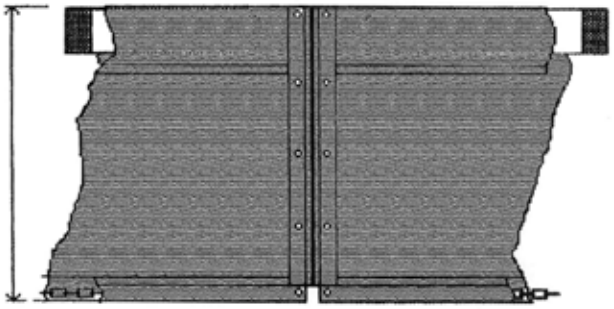
Curtain Fabric: Carthage 6%

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



The IVI 6% curtain fabric is a woven monofilament that will meet or exceed the following typical values:

Properties	Test Method	Typical Value
Grab Tensile	ASTM D-4632	370 x 250 lbs (1646 x 1112 N)
Grab Tensile Elongation	ASTM D-4632	15%
Trapezoid Tear Strength	ASTM D-4533	100 x 70 lbs (445 x 312 N)
Mullen Burst Strength	ASTM D-3786	480 psi (3309 kPa)
Puncture Strength	ASTM D-4833	120 lbs (535 N)
Apparent Opening Size	ASTM D-4751	70 US Sieve (0.212 mm)
Percent Open Area	CW-22125	4-6%
Permittivity	ASTM D-4491	.28 sec^{-1}
Flow Rate	ASTM D-4491	18 gal/min per sq ft (733 l/min per sq m)
UV Resistance (@ 500 hrs)	ASTM D-4355	90% strength retained

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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