

Indian Valley Industries, Inc.

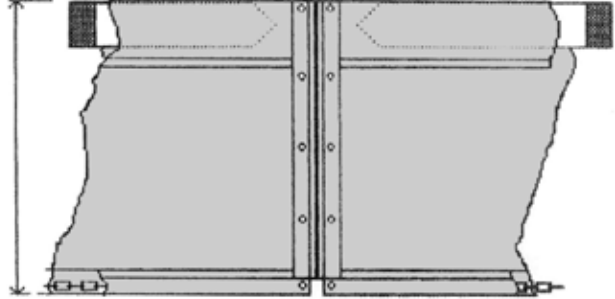
Technical Data Sheet

IVI-66 NYSDOT 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 8 oz. non-woven
- 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 NYSDOT curtain fabric meets the following minimum average roll values:

Physical		
Properties	Test Method	Minimum Average Roll Value
Weight (typical) ¹	ASTM D-5261	8.0 oz sq yd (271 g/sq m)
Grab Tensile	ASTM D-4632	205 lbs (.91 kN)
Grab Elongation	ASTM D-4632	50%
Trapezoidal Tear	ASTM D-4533	85 lbs (.38 kN)
Puncture Resistance	ASTM D-4833	130 lbs (.58 kN)
Mullen Burst	ASTM D-3786	400 psi (2756 kPa)
UV Resistance (500 hours)	ASTM D-4355	70% strength retained
Hydraulic		
Permittivity ²	ASTM D-4491	1.4 sec ⁻¹
Water Flow Rate ²	ASTM D-4491	90 gpm. sq ft (3675 l/min/sq m)
Apparent Opening Size ³	ASTM D-4751	80 U.S. Sieve (.180mm)
<small>1 - Weight is a typical value, not a minimum average roll value. 2 - Handling, at time of manufacturing, may change these properties. 3 - Apparent Opening Size, (AOS), reported as maximum average roll value.</small>		

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
- Curtain Depth 16' and above** 1500# webbing along bottom edge. Grommets every 5' for extra ballast weight
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.