

KUBRICKY CONSTRUCTION CORP.  
269 BALLARD ROAD

WILTON, NY 12831  
518 792-5864



Rutland City BRF 3000 (2014036)  
SUBMITTAL 7

Issued 11/07/14  
Respond by 11/12/14

To

Timothy Pockette, PE

Topic Geotextile for Filter Curtain  
Spec section 649.61  
Sent to approver 11/7/14

From

HARPER T CALLAHAN

Signed by

Date

11/7/14

Proceed as Indicated

Owner Authorized Representative

Date

# Indian Valley Industries, Inc.

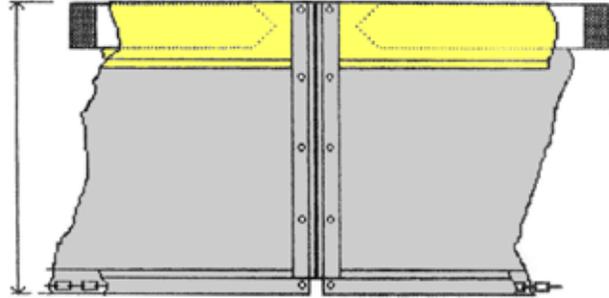
## Technical Data Sheet

### IVI Type IB VT AOT Turbidity Curtain

IVI Type IB VT AOT 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**

- Flotation Fabric: Non-permeable, 18 oz. yellow PVC coated polyester
- Curtain Fabric: Carthage 6%
- Section Length: 50 LF
- Heat sealed seams
- 5000# break strength webbing
- #4 spur grommets every 12" on center on edge of curtain for connection



The IVI Type IB curtain fabric meets or exceeds the following specifications:

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

9FT X 50FT CURTAIN

- Curtain Depth 3' to 9'**      6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy  
5/16" ballast chain
- Curtain Depth 10' 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.