

# Indian Valley Industries, Inc.

## Technical Data Sheet

### IVI Type II Turbidity Curtain with 22 oz. PVC coated fabric

IVI Type II 22 oz. Turbidity Curtain is recommended for construction sites located in higher current waters (deeper lakes, streams, intercoastals, wind and tidal areas) that are exposed to current velocities of 3 feet per second or approximately 2 knots. When current velocities exceed 3 feet per second, anchoring and additional design input is recommended.

#### Standard Features

Curtain and Flotation Fabric: Non-permeable, 22 oz. yellow PVC coated polyester

Section Length: 50 LF or 100 LF

Heat sealed seams

5000# break strength webbing

#4 spur grommets every 12" on center on edge of curtain for connection

Grommets every 5' along bottom edge for extra ballast weight

Aluminum stress plates at top and bottom corners

5/16" 7x19 vinyl coated, galvanized steel top load cable 9800# break strength

Galvanized steel safety snap top connection

#### Other Specifications

##### Curtain Depth 3' to 9'

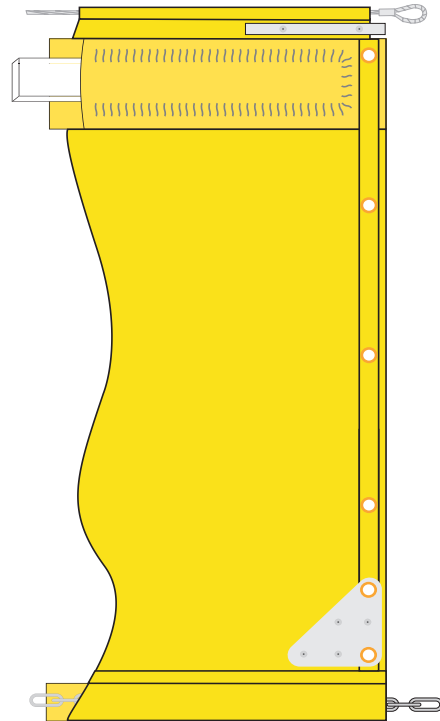
6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy, 5/16" ballast chain

##### Curtain Depth 10' to 14'

8" x 8" EPS foam blocks providing 26.7 lbs per LF buoyancy, 5/16" ballast chain

##### Curtain Depth 15' and above

12" x 12" EPS foam blocks providing 60 lbs per LF buoyancy, 5/16" ballast chain



**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 Type II 22 oz. curtain fabric meets or exceeds the following specifications:

Properties	Test Method	Typical Value
<b>Material Weight</b>	FS 5040 / ASTM D-3776	22 oz sq yd
<b>Yarn</b>		Polyester
<b>Count</b>		16 x 16
<b>Denier</b>		1500
<b>Grab Tensile</b>	FS 5100 / ASTM D-5034	400 x 400 lbs/in
<b>Tongue Tear</b>	FS 5134 / ASTM D-2261	132 x 143 lbs
<b>Adhesion</b>	FS 5970 / ASTM D-751	28 lbs/ 2"
<b>Hydrostatic Resistance</b>	ASTM D-751	881 lbs sq in
<b>Mullen Burst</b>	ASTM D-3786	924 lbs sq in
<b>Abrasion</b>	FS 5306 / ASTM D-3884	Start -250, Complete 400 cycles
<b>Cold Crack</b>	FS 5874 / ASTM D-2136	-40F
<b>High Temperature</b>		176F Continuous, 200F Intermittent
<b>Treatments</b>		Anti-Mildew & UV Pigments
<b>Finish</b>		Matte

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