

# Indian Valley Industries, Inc.

## Technical Data Sheet

### IVI Type II Turbidity Curtain

IVI Type II 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, 18 oz. yellow PVC coated polyester

Section Length: 50 LF or 100 LF

Heat sealed seams

5000# break strength webbing

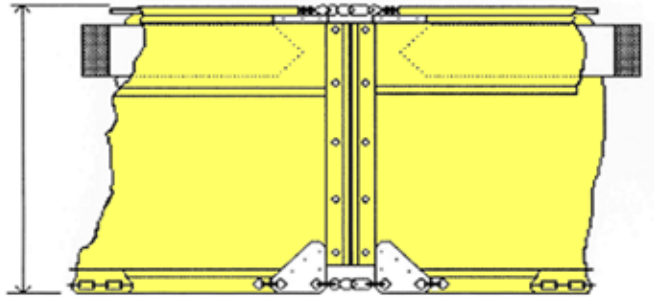
#4 spur grommets every 12" on center on edge of curtain for connection

Grommets every 5' along bottom edge for extra ballast weight

Aluminum stress plates at top and bottom corners

Galvanized steel safety snap top connection

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



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

Physical Properties	Test Method	Typical Value
Material Weight	FS 5040 / ASTM D-3776	18.5 oz sq yd
Yarn		Polyester
Count		18 x17
Denier		1000 x 1300
Grab Tensile	FS 5100 / ASTM D-5034	375 x 375 lbs/in
Tongue Tear	FS 5134 / ASTM D-2261	100 x 100 lbs
Adhesion	FS 5970 / ASTM D-751	26 lbs/ 2"
Cold Crack	FS 5874	-30F
Treatments		Anti-Mildew & UV Pigments
Finish		Matte

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#### Other Specifications

<b>Curtain Depth 3' to 9'</b>	6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy 5/16" ballast chain
<b>Curtain Depth 10' to 14'</b>	8" x 8" EPS foam blocks providing 26.7 lbs per LF buoyancy 5/16" ballast chain
<b>Curtain Depth 15' and above</b>	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.