

Indian Valley Industries, Inc.

Technical Data Sheet

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

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,
22 oz. yellow PVC coated polyester

Section Length: 50 LF or 100 LF

Heat sealed seams

5000# break strength webbing

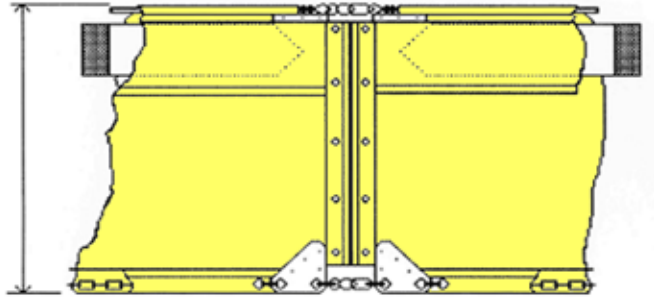
#4 spur grommets every 12" on center on
edge of curtain for connection

Grommets every 5' along bottom edge for extra
ballast weight

Aluminum stress plates at top and bottom corners

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:

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

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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.

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