

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

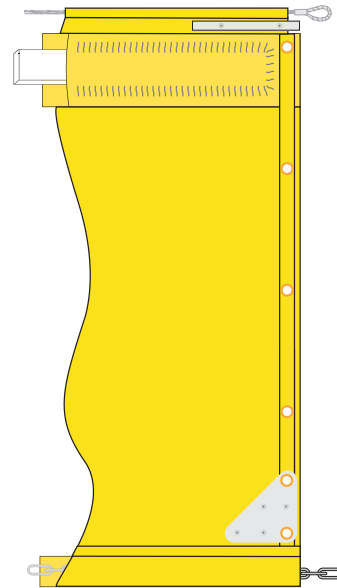
Curtain Depth 10' to 14'

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
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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