

TECHNICAL DATA SHEET

IVI Type IB Turbidity Curtain

IVI Type IB 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, 22 oz. yellow PVC coated polyester
- Permeable Curtain Fabric: Carthage 6%
- 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

Other Specifications

Curtain Depth 3' to 9'

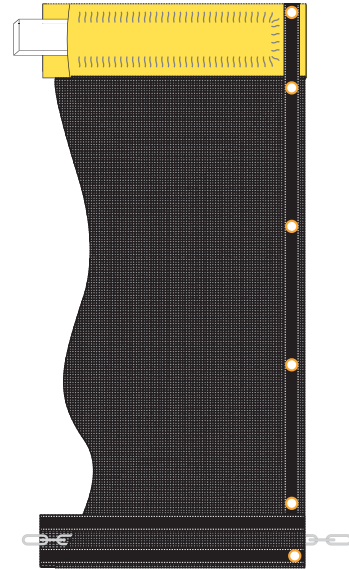
6" x 6" EPS foam blocks providing 15 lbs per LF buoyancy, 5/16" ballast chain

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 IB curtain fabric meets or exceeds the following specifications:

Physical Property	Test Method	Typical Value	
Grab Tensile Strength	ASTM D-4632	370 x 250 lbs (1.65 x 1.11 kN)	
Grab Tensile Elongation	ASTM D-4632	15%	
Wide Width Tensile Strength	ASTM D-4595	225 x 145 lbs/in 2700 x 1740 lbs/ft	(39.41 x 25.40 kN/m)
Trapezoid Tear Strength	ASTM D-4533	100 x 60 lbs (0.45 x 0.27 kN)	
Mullen Burst Strength	ASTM D-3786	450 psi (3100 kPa)	
Puncture Strength	ASTM D-4833	120 lbs (0.53 kN)	
CBR Puncture	ASTM D-6241	950 lbs (4.23 kN)	
Apparent Opening Size	ASTM D-4751	70 US Sieve (0.212 mm)	
Percent Open Area	CW-22125	4-6%	
Permittivity	ASTM D-4491	.28 sec ⁻¹	
Flow Rate	ASTM D-4491	18 gal/min per sq ft (733 l/min per sq m)	
UV Resistance (@ 500 hrs)	ASTM D-4355	90% strength retained	

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