

Indian Valley Industries, Inc.

Technical Data Sheet

IVI Type IB MA DOT Turbidity Curtain

IVI Type IB MA DOT 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,
18 oz. yellow PVC coated polyester

Curtain Fabric: Carthage 6%

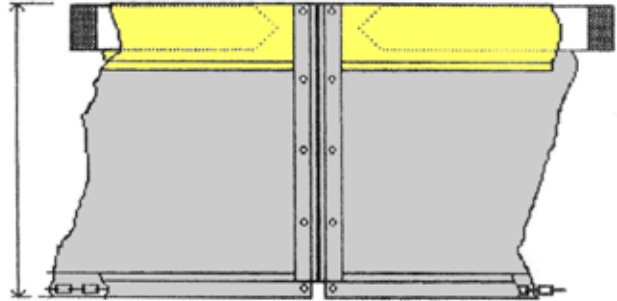
Section Length: 50 LF

Heat sealed seams

5000# break strength webbing

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

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



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

Physical Property	Test Method	Typical Value
Grab Tensile	ASTM D-4632	370 x 250 lbs (1646 x 1112 N)
Grab Tensile Elongation	ASTM D-4632	15%
Trapezoid Tear Strength	ASTM D-4533	100 x 70 lbs (445 x 312 N)
Mullen Burst Strength	ASTM D-3786	480 psi (3309 kPa)
Puncture Strength	ASTM D-4833	120 lbs (535 N)
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

The information presented herein, while not guaranteed, is to the best of our knowledge true and accurate. Except when agreed to in writing for specific conditions of use, no warranty or guarantee expressed or implied is made regarding the performance of any product, since the manner of use and handling are beyond our control. Nothing contained herein is to be construed as permission or as a recommendation to infringe any patent.

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 Grommets every 5' along bottom edge for extra ballast weight
Curtain Depth 15' and above	12" x 12" EPS foam blocks providing 60 lbs per LF buoyancy 5/16" ballast chain Grommets every 5' along bottom edge for extra ballast weight

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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IVI-TC-2135-1209-TCMA