



TECHNICAL DATA SHEET

IVI New Jersey Type III Turbidity Curtain

IVI New Jersey Type III Turbidity Curtain is recommended for construction sites located in higher currents 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

Flotation Fabric: Non-permeable, 22 oz. yellow PVC coated polyester

Curtain Fabric: Non-permeable, 22 ounce yellow PVC coated polyester with permeable filter panel no more than 20% of the skirt (woven monofilament Carthage 6%)

Section Length: 50 LF

Flotation: 12" x 12" EPS foam blocks providing 60 lbs per LF buoyancy

Option: Universal Aluminum Connector

5000# break strength webbing

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

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

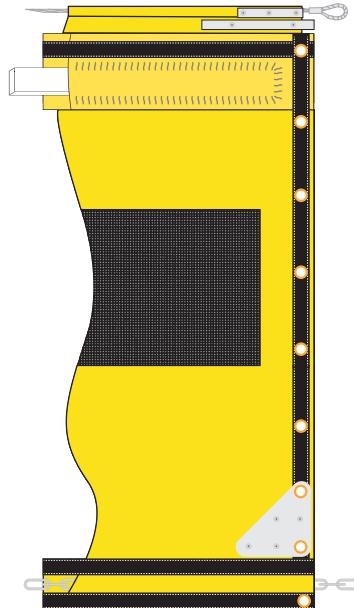
Galvanized steel safety snap top connection

Aluminum stress plates at top and bottom corners

Reinforced anchor point on top load cable every 25'

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.

The IVI New Jersey Type III non-permeable 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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