



Product Data Sheet

Type 2 DOT Floating Turbidity Barrier

Type 2 turbidity curtains are best used to contain silt and turbidity in moving water applications. Type 2 silt barriers are manufactured using high strength fabric with heavy duty tension members, along with aluminum stress plates that the bottom skirt corners. These type 2 turbidity curtains are best used in dredging and marine construction areas that experience mild current, wind, and wave activity. GeoProducts DOT (Department of Transportation) certified type 2 turbidity curtains meets or exceeds the physical property values listed below:

Properties	Test Method	Unit	STB-1	TYPE 2 DOT FTB
Tensile Strength (Grab)	ASTM D4632	lbs	250 x 200	-
Elongation (Grab)	ASTM D4632	%	20 x 20	-
Tongue Tear	ASTM D2261	lbs	44 x 44	-
Roll Dimensions	Measured	-	44" x 100'	-
Fabric Thickness	ASTM D5199	-	0.42 mm	
Fabric Weight	-	oz/yd2	-	22
Rope	-	in	-	5/8
Grommets	-	-	-	#5 Brass
Chain Ballast	-	in	-	5/16" Galvanized
EPS Flotation	-	in	-	8
Freshwater Buoyancy	-	lbs/ft	-	26.7
Saltwater Buoyancy	-	lbs/ft	-	28.4
Height	-	ft	-	5
Length	-	ft	-	50
Seams	-	-	-	Heat sealed
Geotextile	-	-	-	-
Cable	-	in	-	5/16" galvanized steel 7 x 19 with PVC coating on top

Exclusion of Liability

Information contained in this publication is accurate to the best of the knowledge of GeoProducts Holdings, LLC. The above values are Typical which is an average of the samples taken on this fabric and should not be used as minimum or maximum values unless stated otherwise. Any information or advice obtained from GeoProducts other than by means of this publication and whether relating to GeoProducts materials, is also given in good faith. However, it remains at all times, the responsibility of the customer to ensure that GeoProducts materials are suitable for the particular purpose intended.

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- Components



► WIRE CABLE



► END PART

TBB
TY-#2

► CONNECTOR



► BOTTOM



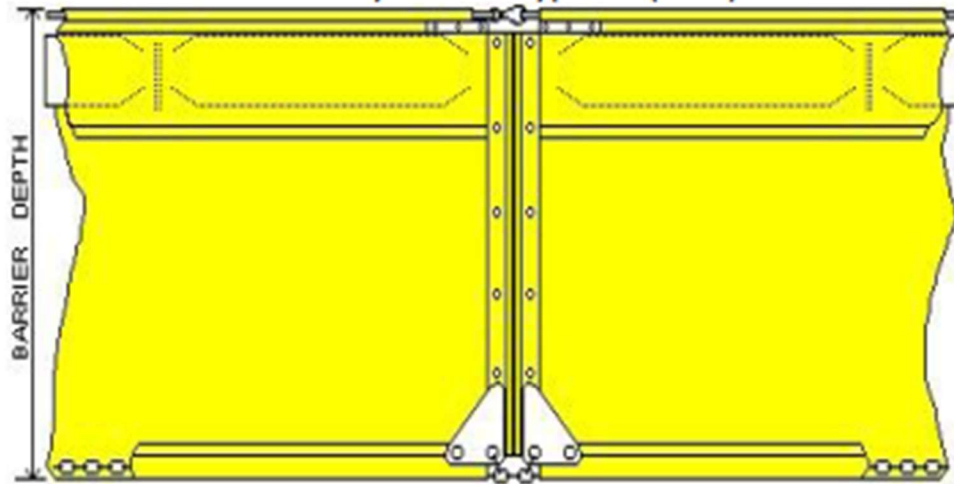
Proprietary

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GATOR

Turbidity Barrier Type #2 (DOT)



Specifications:

PART	MATERIAL	Description
Body	PVC Laminate Fabric	22oz/sqyd PVC Laminate on 9X9, 1000 X 1300 Denier polyester scrim
		Weight : 22OZ/per sqyd (740gr/sqm)
		Grab tensile : 410lb x 410lb/in (430x421daN/5cm)
		Tear : 100lbs x 100lbs/in (95x95daN)
		Hydrostatic : 600psi (4167kPa) Cold resistance to crack : -40 F/C
TOP	EPS Flotation	8" x 8" x 48" (standard) 26.7lb/ft, Buoyancy in fresh water. 28.4lb/ft, Buoyancy in salt water.
	Wire Cable	5/16 inch galvanized steel in plastic sleeve 7x9 load cable 9,200lbs break strength
	Aluminum Bar	1" x 7/8" x 3.2mm x 0.14" (thickness)
Bottom	Steel Chain	5/16", Galvanized chain ballast in bottom
	Aluminum Plate (Triangle)	Aluminum stress plate at chain termination : 8.4" x 8.4" x 11.8" Size : 8.4" X 8.4" X 11.8", Thickness: 0.1"
Edges	Polypropylene Rope	5/8 inch polypropylene rope reinforced vertical edges #5 Brass grommets.

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