



Product Data Sheet

Type 1 DOT Floating Turbidity Barrier

Type 1 turbidity curtains are best used to contain silt and turbidity in moving water applications. Type 1 silt barriers are manufactured using high strength fabric with heavy duty tension members. These Type 1 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 1 turbidity curtains meets or exceeds the physical property values listed below:

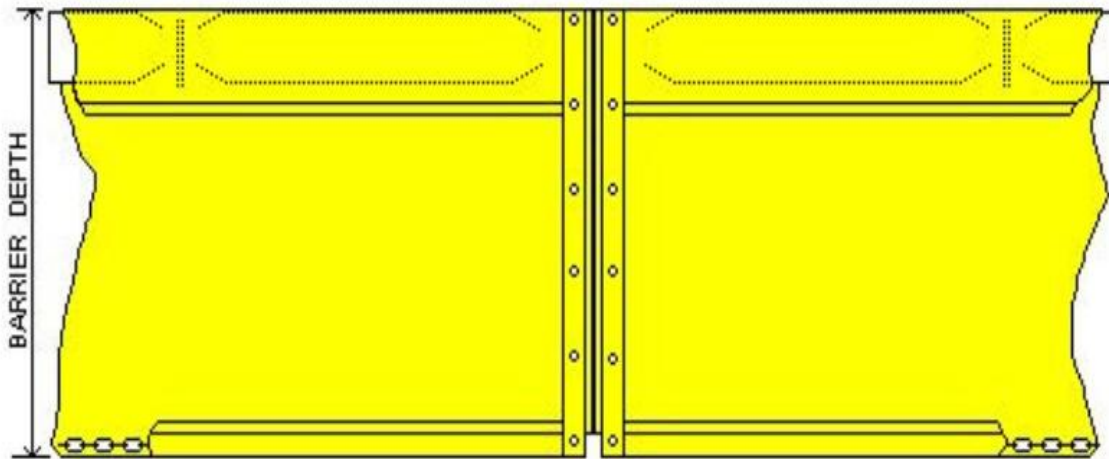
Properties	Test Method	Unit	STB-1	TYPE #1
Tensile Strength (Grab)	ASTM D4632	lbs	250 x 200	-
Elongation (Grab)	ASTM D4632	%	20 x 20	-
Tongue Tear	ASTM D2261	lbs	44 x 44	-
Roll Dimensions	Measured	-	44" x 100'	-
Fabric Thickness	ASTM D5199	-	0.42 mm	-
Fabric Weight	-	oz/yd2	-	18
Rope	-	in	-	5/8"
Grommets	-	-	-	#5 Brass
Chain Ballast	-	in	-	1/4" Galvanized
EPS Flotation	-	in	-	6
Freshwater Buoyancy	-	lbs/ft	-	13.5
Saltwater Buoyancy	-	lbs/ft	-	14.4
Height	-	ft	-	5
Length	-	ft	-	50
Seams	-	-	-	Heat Sealed
Geotextile	-	-	-	-
Cable	-	in	-	"5/16" galvanized steel 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 of 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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Concrete – Erosion & Sediment Control – Geotextiles – Hardscapes – Pipe & Drainage
GeoProducts Holdings, LLC - 161 Technology Park Drive - P.O. Box 880 - Kilmarnock, VA 22482
Phone: (804)435-7777 - sales@geoproductsllc.com



Floating Turbidity Barrier Type 1.DOT

Specifications:

Fabric - 18 oz. nominal laminated vinyl/polyester having the following characteristics:

Construction - vinyl laminate on 9X9 1000 x 1300 denier polyester scrim

Weight – 18.5 oz. per sq. yd. (434 gr./sq. m.)

Adhesion – 24 x 20 lb./2”

Grab Tensile – 410 x 410 lb./in. (430 x 421 daN/5cm.)

Tongue Tear – 100 x 100 lb. (95 x 95 daN)

Hydrostatic - 600 psi (4167 kPa)

Cold resistance to crack: -40° F/C

All seams heat sealed

5/8 inch diameter poly rope reinforced vertical edges

#4 brass grommets

1/4 in. galvanized chain ballast

EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft

buoyancy in saltwater

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