

# TURBITEX

## TECHNICAL DATASHEET

<b>Geobarrier (GBR) type</b>	Turbidity barrier
<b>Composition</b>	Polypropylene / PVC
<b>Main function</b>	Protection

Property	Method	1-NT	1-NTR	1-T <sup>(1)</sup>	1-CW	1-PVC 18	2-CW	3-PVC 18	5-T	5-PVC 18	
<b>Skirt</b>											
Composition	-	Nonwoven	Reinforced nonwoven	Woven	Coated woven	PVC 18 oz	Coated woven	PVC 18 oz	Woven	PVC 18 oz	
Tensile strength	ASTM D4632	578 N	650 N	1 400 N	453 N <sup>(2)</sup>	1 961 N <sup>(3)</sup>	453 N <sup>(2)</sup>	1 961 N <sup>(3)</sup>	1 400 N	1 961 N <sup>(3)</sup>	
Water flow rate	ASTM D4491	2 460 l/min/m <sup>2</sup>	-	163 l/min/m <sup>2</sup>	Waterproof				163 l/min/m <sup>2</sup>	Waterproof	
Opening sizes (AOS)	ASTM D4751	212 µm	40- 65 µm <sup>(4)</sup>	425 µm					425 µm		
<b>Upper section</b>											
Floating material	-	Expanded polystyrene									
Float dimensions	-	6 pieces 10 cm X 10 cm X 244 cm				6 pieces 15 cm X 15 cm X 244 cm		6 pieces 20 cm X 20 cm X 244 cm			
Buoyancy	ASTM D3575	945 kg/m <sup>3</sup>				19 kg/m		33 kg/m			
Float cover	-	12 mils coated woven				PVC 18 oz	12 mils coated woven	PVC 18 oz			
Color	-	Yellow									
Reinforcement strip	-	16 mils coated woven									
UV resistance	ASTM G53	80% / 2000h									
<b>Accessories</b>											
Upper tension member	-	None	12 mm polypropylene rope	None	12 mm polypropylene rope	1 x 8 mm steel cable	2 x 8 mm steel cable				
Weight	-	8 mm grade 30 galvanized steel chain									
Eyelet	-	#3 plated brass or zinc									
Assembly	-	Knotted with nylon thread and/or RF weld									
Connection	-	1/2" galvanized steel pin <sup>(5)</sup>									
<b>Standard sizes</b>											
Depth <sup>(6)</sup>	-	1.2 - 2.1 - 4.0 - 5.8 m									
Length <sup>(6)</sup>	-	15 m									

This technical information comes from the manufacturer and was transcribed by Texel.

1 - 1-NT, 1-NTR and 1-T, geotextile skirt for calm water applications in lakes and rivers with a velocity ≤ 1 ft/sec / 2 - According to ASTM D751 / 3 - According to FS5134  
4 - FOS according to CAN/CGSB 148.1 No.10.2 / 5 - Possibility of connectors meeting ASTM F2438 / 6 - Possibility of custom sizes

**Revision : 2019-04-26**