

TECHNICAL DATA SHEET

TEXEL TURBITEX



Geobarrier (GBR) Type	Turbidity barrier
Composition	Polypropylene / PVC
Main Function	Protection

Property	Test Method	1-NTR	1-T ⁽¹⁾	1-CW	1-PVC 18	3-T	3-PVC 18	5-T	5-PVC 18
Skirt									
Composition	-	Reinforced nonwoven	Woven	Coated woven	PVC 18 oz	Woven	PVC 18 oz	Woven	PVC 18 oz
Tensile strength	ASTM D4632	650 N	1 400 N	453 N ⁽²⁾	1 961 N ⁽³⁾	1 400 N	1 961 N ⁽³⁾	1 400 N	1 961 N ⁽³⁾
Water flow rate	ASTM D4491	-	163 l/min/m ²	Waterproof		163 l/min/m ²	Waterproof	163 l/min/m ²	Waterproof
Opening sizes (AOS)	ASTM D4751	40- 70 µm ⁽⁴⁾	425 µm			425 µm		425 µm	

Upper Section									
Floating material	-	Expanded polystyrene							
Float dimensions	-	6 pieces 10 cm X 10 cm X 244 cm				6 pieces 20 cm X 20 cm X 244 cm			
Buoyancy	ASTM D3575	9 kg/m				33 kg/m			
Float cover	-	12 mils coated woven				PVC 18 oz			
Color	-	Yellow							
Reinforcement strip	-	16 mils polyethylene coated woven				50 mm nylon strap			
UV resistance	ASTM G53	80% / 2000h							

Accessories									
Upper tension member	-	16 mils polyethylene coated woven			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							
Connection	-	12 mm galvanized steel pin ⁽⁵⁾							

Dimensions									
Depth ⁽⁶⁾	-	1 m - 2 m - 4 m - 6 m	1.2 m - 2.3 m - 3.3 m - 3.8 m - 5.8 m	1.3 m - 2.3 m - 3.0 m - 4.1 m - 5.0 m - 6.1 m					
Length ⁽⁶⁾	-	15m							

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

1- 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

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