

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	3-T	3-PVC 18	5-T	5-PVC 18
Skirt								
Composition	-	Reinforced nonwoven	Woven	Coated woven	Woven	PVC 18 oz	Woven	PVC 18 oz
Tensile strength	ASTM D4632	650 N	1 400 N	453 N ⁽²⁾	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	-	5.75 pieces 10 cm X 10 cm X 244 cm			5.25 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	-	1 rope 12,7mm (steel cable available)			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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