

# TECHNICAL DATA SHEET

## TEXEL TURBITEX



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

Property	Test Method	1-NTR	1-T <sup>(1)</sup>	1-CW	1-PVC 18	3-T	3-PVC 18	5-T	5-PVC 18
<b>Skirt</b>									
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 <sup>(2)</sup>	1 961 N <sup>(3)</sup>	1 400 N	1 961 N <sup>(3)</sup>	1 400 N	1 961 N <sup>(3)</sup>
Water flow rate	ASTM D4491	-	163 l/min/m <sup>2</sup>	Waterproof		163 l/min/m <sup>2</sup>	Waterproof	163 l/min/m <sup>2</sup>	Waterproof
Opening sizes (AOS)	ASTM D4751	40- 70 µm <sup>(4)</sup>	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	-	None (optional rope or 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 <sup>(5)</sup>			

Dimensions				
Depth <sup>(6)</sup>	-	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 <sup>(6)</sup>	-	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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