

PRODUCT INFORMATION SHEET



TEXEL TURBITEX

ENVIRONMENTAL REMEDIATION MEASURES IN A WATER ENVIRONMENT

+ ADVANTAGES:

Fast set-up with factory-inserted components, thereby helping to minimize installation time;

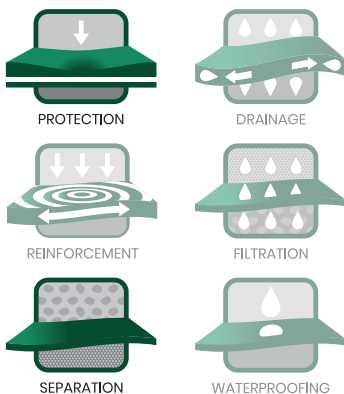
Sturdy construction for the most challenging situations;

Belts provided to attach oil absorbent rolls.



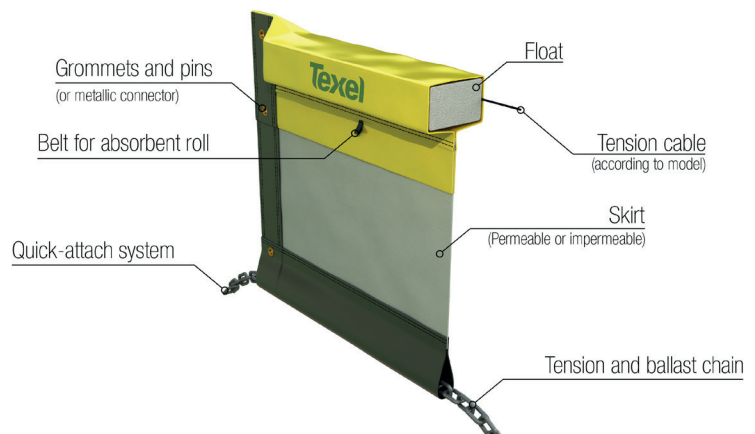
Texel Turbitex turbidity curtains are floating barriers designed to control sediment dispersion when working near or in waterways. Made from geosynthetics selected specifically for each site, Texel Turbitex is designed to collect and settle sediment in a predetermined area. The curtains are available to different depths, and can be interconnected to form a continuous barrier running the entire length of a work site. Whether made from permeable or impermeable material, Texel Turbitex will rise to the environmental challenges that could emerge throughout your project.

FUNCTIONS



SECTORS

- ✓ Municipal and Landscape Architecture
- ✓ Roads and Transportation
- ✓ Natural Resources and Energy



COMPONENTS OF A TEXEL TURBITEX

A SOLUTION THAT ADAPTS TO THE REQUIRED ENVIRONMENTAL REMEDIATION MEASURES

Depending on the specific conditions at your site, in addition to the different types of Texel Turbitex, a variety of accessories can be added:

- Oil absorbent rolls;
- Metallic connectors;
- Set of fasteners, buoys, navigation lights;
- Ropes, chains and additional hardware depending on your specific needs.

TEXEL TURBITEX



TEXEL TURBITEX PRODUCTS ARE DESIGNED TO HOLD OIL ABSORBENT ROLLS

With the addition of oil absorbent rolls, Texel Turbitex can absorb and recover leaks and accidental spills of oil products. Texel Turbitex curtains have anchor belts at the top that are designed to hold oil absorbent rolls. The materials used to manufacture the rolls feature hydrocarbon absorption properties, while remaining hydrophobic. They constitute the ideal solution for recovering hydrocarbon spills.

TEXEL TURBITEX, A CUSTOM SOLUTION TO PROTECT THE ECOSYSTEM

Sizing: Current speed must be taken into consideration in order to select a curtain with sufficient mechanical strength to resist being torn and ripped by the current. The anchors and ballasts must also be selected and positioned appropriately for the current.

Installation: For easy installation, hydrocarbon-resistant floats, power lines, and ballast chains are factory inserted into the curtains. Texel Turbitex curtains are generally installed so as to not touch the bed of the waterway (approximately 30 cm above the bed). The anchors used must be adequate, and positioned properly to ensure that the defined zone stays protected. At the end of the work, the curtain must be left in place for a sufficient period of time to ensure that all the sediment has settled.

Don't hesitate to reach out to one of our application experts who can help you select the right Texel Turbitex for your project and provide you with the appropriate installation guide.

TECHNICAL INFORMATIONS TO GUIDE THE SELECTION OF A TEXEL TURBITEX CURTAIN

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/m²	Waterproof	163 l/min/m²	Waterproof	163 l/min/m²	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⁾						

Lower tension and ballast chain of 8mm grade 30 pre-inserted for every model.

Standard length: 15 m / Standard Height: 1.2 - 2.1 - 4 - 5.8 m / Other available dimensions on request

(1) For standard conditions (2) AOS according to ASTM D4751 (3) FOS according to CAN 148.1 No.10

This table presents a summary of specifications. We invite you to consult updated information sheets and detailed technical specifications on our website at www.texel.ca.

WANT TO LEARN MORE?

Feel free to contact one of our representatives to discuss your project. **1 800 463-8929 | texel.ca**

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IMPORTANT NOTICE – The information in this document is provided for promotional purposes only and is intended as a general guide. Project-specific characteristics may not be fully detailed. Texel and its partners offer no warranties regarding the information contained herein.

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