

## DATA SHEET

### ROUTEEXGUARD

PRODUCT DESCRIPTION : Sediment barrier

FUNCTIONS : Protection

COMPLIANT WITH MTQ STANDARDS: This sediment barrier meets the requirements of Volume II, Chapter 9, *Protection of the Environment during Construction*, Section 9.4.3.2, *Sediment Control* and Volume VII, Chapter 13, of the MTQ, using a grade F1 geotextile.

RAW MATERIAL : Polypropylene

### TECHNICAL DATA TABLE

	PROPERTIES	TEST METHOD	VALUES	
			Metric	Imperial
<b>PHYSICAL</b>	Thickness <sup>1</sup>	ASTM D5199	≥ 0,8 mm	≥ 32 mils
	Mass per unit area <sup>1</sup>	ASTM D5261	-	-
<b>MECHANICAL</b>	Tensile strength at < 5 % of CVMS*	ASTM D4632	≥ 400 N	≥ 90 lb
	Tensile strength at 5 % to < 10 % of CVMS*	ASTM D4632	≥ 420 N	≥ 94 lb
	Tensile strength at 10 % to < 15 % of CVMS*	ASTM D4632	≥ 440 N	≥ 99 lb
	Elongation at break	ASTM D4632	≥ 15 %	
	Tear strength	ASTM D4533	≥ 180 N	≥ 40 lb
	Puncture strength (CBR)	ASTM D6241	≥ 1200 N	≥ 270 lb
<b>HYDRAULIC</b>	Permeability <sup>1</sup>	ASTM D4491	≥ 0.15 cm/s	
	Permittivity	ASTM D4491	≥ 2,00 s <sup>-1</sup>	
	Filtration opening size (FOS)	CAN/CGSB-148,1 - No 10-94	100 - 250 µm	
<b>PERFORMANCE AND DURABILITY</b>	UV** resistance (500 hours)	ASTM D4355	≥ 70 %	
<b>DIMENSIONS</b>	Standard width <sup>1</sup>	-	1.27 m (4.2 ft), with wood poles at every 3 m (9.8 ft)	
	Standard length <sup>1</sup>	-	30 m	98.4 ft

NOTE 1 : Property not part of the product certification by the BNQ.

\*CVMS : Coefficient of variation of Mass per unit area.

\*\*UV: Ultraviolet.

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APPLICATIONS : Sediment retention

