

## DATA SHEET

**TX-200**

PRODUCT DESCRIPTION : Nonwoven needled geotextile

FUNCTION : Separation, reinforcement and protection

PRODUCT SPECIFICATION : This product is NTPEP tested for AASHTO M288 standard, Class 1.

the Nova Scotia specification, Heavy Duty, and

Alberta Transportation Standard Specifications for Highway Construction, Table 5.31.1 and 5.31.4, Type C.

RAW MATERIAL : Polypropylene

### TECHNICAL DATA TABLE

	PROPERTIES	TEST METHOD	VALUES	
			Metric	Imperial
PHYSICAL	Thickness	ASTM D5199	≥ 1,4 mm	≥ 56 mils
	Mass per unit area	ASTM D5261	-	-
MECHANICAL	Tensile strength	ASTM D4632	≥ 911 N	≥ 205 lb
	Elongation at break	ASTM D4632	≥ 50 %	
	Tear strength	ASTM D4533	≥ 360 N	≥ 81 lb
	Puncture strength (CBR)	ASTM D6241	≥ 2380 N	≥ 535 lb
HYDRAULIC	Flow rate	ASTM D4491	≥ 4000 l/min/m <sup>2</sup>	≥ 98 gal/min/ft <sup>2</sup>
	Permittivity	ASTM D4491	≥ 1,40 s <sup>-1</sup>	
	Apparent opening size (AOS) <sup>1</sup>	ASTM D4751	180 µm	80 US Sieve
PERFORMANCE AND DURABILITY	Filtration opening size (FOS)	CAN/CGSB-148,1 - No 10-94	65 - 140 µm	
	UV* resistance (500 hours)	ASTM D4355	≥ 70 %	
DIMENSIONS	Standard width	-	3,81 m	12,5 ft
			4,57 m	15,0 ft
	Standard length	-	100 m	328 ft

NOTE 1 : Maximum test value

\*UV: Ultraviolet.

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APPLICATIONS :

- Temporary roadway
- Permanent public roadway
- Permanent private roadway
- Public access road
- Commercial parking areas
- Storage and loading areas
- Roadway widening
- Airport runways

- Railway tracks
- Basins
- Retaining walls and embankments
- Bank protection
- Dams and dikes

