

## DATA SHEET

TX-F

PRODUCT DESCRIPTION : Nonwoven needled geotextile mainly used in forestry

FUNCTIONS : Reinforcement

RAW MATERIAL : Polypropylene

### TECHNICAL DATA TABLE

	PROPERTIES	TEST METHOD	VALUES	
			Metric	Imperial
PHYSICAL	Thickness	ASTM D5199	≥ 1.5 mm	≥ 60 mils
	Tensile strength	CAN/CGSB-148,1 - No 7,3	≥ 1000 N	≥ 225 lb
MECHANICAL	Elongation at break	CAN/CGSB-148,1 - No 7,3	≥ 50 %	
	Tear strength	CAN/CGSB-4,2 - No 12,2	≥ 350 N	≥ 79 lb
	Puncture strength (CBR)	ASTM D6241	≥ 2800 N	≥ 629 lb
HYDRAULIC	Permeability	CAN/CGSB-148,1 - No 4	≥ 0.22 cm/s	
	Filtration opening size (FOS)	CAN/CGSB-148,1 - No 10	50 - 80 µm	
PERFORMANCE AND DURABILITY	UV* resistance (500 hours)	ASTM D4355	≥ 70 %	
DIMENSIONS	Standard width	-	3.5 m	11.5 ft
	Standard length	-	100 m	328 ft

\*UV: Ultraviolet.

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APPLICATIONS : Temporary roadway  
Steel culvert

