

DATA SHEET

TX-MP

PRODUCT DESCRIPTION: Nonwoven needled geotextile, laminated with a PVC geomembrane

FUNCTION: Protection

RAW MATERIAL: Polypropylene, polyester and PVC

TECHNICAL DATA TABLE

	PROPERTIES	TEST METHOD	VALUES	
			Metric	Imperial
PHYSICAL	Thickness	ASTM D5199	≥ 5.0 mm	≥ 200 mils
	Mass per unit area	ASTM D5261	≥ 1025 g/m ²	≥ 130 oz/vg ²
MECHANICAL	Tensile strength MD	ASTM D4632	1200 N	270 lb
	Tensile strength CMD	ASTM D4632	1600 N	360 lb
	Elongation at break	ASTM D4632	80 - 140 %	
	Tear strength MD	ASTM D4533	400 N	90 lb
	Tear strength CMD	ASTM D4533	610 N	137 lb
	CBR puncture resistance	ASTM D6241	3065 N	689 lb
	Resistance at low temperature	ASTM D1790	-26° C	-14.8° F
HYDRAULIC	Transmissivity under 8 kPa at a gradient =1 ⁽²⁾	ASTM D4716	6 x 10 ⁻⁵ m ² /s	
DIMENSIONS	Standard width	-	1.83 m	6.00 ft
	Standard length	-	15.0 or 30.0 m	49.2 ft x 98.4 ft

Note 1: Values are calculated using the MARV (minimum average roll value), with the exception of the ASTM D4632, D4533 and D6241 tests, which are typical values.

Note 2: The test is carried out on the geotextile.

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APPLICATION: Catch basin and concrete manhole protection