

# SPECIFICATION SHEET

## SF100

## SILT FENCE FABRIC

SF100 is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. SF100 fabric resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	124 x 105 lbs	551.6 x 467.3 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	65 x 65 lbs	289.1 x 289.1 N
CBR Puncture	ASTM D6241	300 lbs	1,335 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	0.5 sec <sup>-1</sup>	0.5 sec <sup>-1</sup>
Water Flow Rate	ASTM D4491	4 gpm/ft <sup>2</sup>	163 lpm/m <sup>2</sup>

\*Maximum Average Roll Value

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	36 in x 2600 yds	.91 m x 2377 m
		42 in x 2600 yds	1.07 m x 2377 m
		48 in x 2600 yds	1.22 m x 2377 m

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