

# PRODUCT MATERIAL SPEC

## SF100

### Woven Geotextile

**MKB SF100** is a woven geotextile made up of high tenacity polypropylene yarns that are woven to form stable and durable structure, which allows the yarns to maintain their relative position. It is non-biodegradable and resistant to ultraviolet degradation, rotting, and most soil chemicals. **MKB SF100** conforms to the property values listed below.

This product is NTPEP tested for AASHTO standards.

PROPERTY	TEST METHOD	MARV English
Tensile Strength (Grab)	ASTM D4632	140 x 140 lbs
Elongation	ASTM D4632	15%
CBR Puncture	ASTM D6241	400 lbs
Trapezoidal Tear	ASTM D4533	65 x 65 lbs
UV Resistance (500 hrs)	ASTM D4355	70%
Apparent Opening Size (AOS)*	ASTM D4751	30 US Std. Sieve
Permittivity	ASTM D4491	0.05 sec <sup>-1</sup>
Water Flow Rate	ASTM D4491	8 gpm/ft <sup>2</sup>

\*\*Maximum Average Roll Value

ITEM NUMBER	DRAW TAPE	FABRIC HEIGHT	ROLL LENGTH
SF100-36-RL-1000	N/A	36 in	1000 ft
SF100-36-RL-1500	N/A	36 in	1500 ft
SF100-36-RL-2000	N/A	36 in	2000 ft
SF100DT-Grn-36-RL-1000	Green	36 in	1000 ft
SF100DT-Grn-36-RL-1500	Green	36 in	1500 ft
SF100DT-Grn-36-RL-2000	Green	36 in	2000 ft

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