

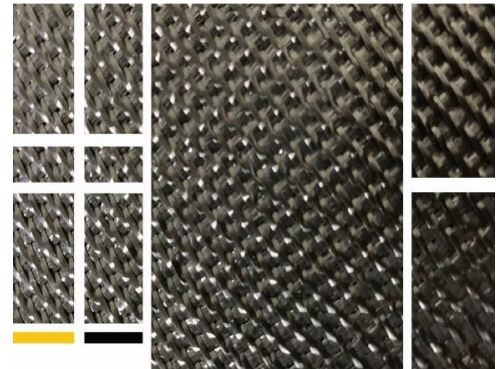
WOVEN GEOTEXTILE

FG33



Project Reference:

FG33 is manufactured from high-tenacity polypropylene yarns, which are woven into a dimensionally stable network in such a manner that the yarns retain their relative position to one another. FG33 resists ultraviolet deterioration and biological degradation and is inert to most naturally encountered soil chemicals, alkalis, and acids.



Unless indicated below, all listed properties are Minimum Average Roll Values:

Property	Method	English (MARV ²)	Metric (MARV ²)
Grab Tensile Strength	ASTM D 4632	400 x 350 lbs	1.78 x 1.55 kN
Grab Elongation	ASTM D 4632	12 x 10%	
Wide Width Strength	ASTM D 4595	3,600 x 3,300 lbs/ft	52.5 x 48.2 kN/m
Wide Width Strength @2%	ASTM D 4595	550 x 550 lbs/ft	8.03 x 8.03 kN/m
Wide Width Strength @5%	ASTM D 4595	1,500 x 1,560 lbs/ft	21.9 x 22.8 kN/m
Trapezoidal Tear Strength	ASTM D 4533	150 x 160 lbs	0.67 x 0.71 kN
CBR Puncture Strength	ASTM D 6241	1,300 lbs	5.77 kN
Water Flow ³	ASTM D 4491	58 gpm/sf	2,361 l/min/sm
Permittivity ³	ASTM D 4491	0.80 Sec ⁻¹	
AOS ³	ASTM D 4751	30 US Sieve	0.60 mm
Pore Size Distribution O ₅₀ /O ₉₅	ASTM D 6767	0.311mm / 0.456 mm (typical values)	
UV Resistance	ASTM D 4355	80% / 500 hrs.	

Packaging

Roll Dimensions (W x L)	15 x 300 ft.	4.57 m x 91 m
Area Per Roll	500 sq. yards	416 sq. meters

Note

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. At time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.