

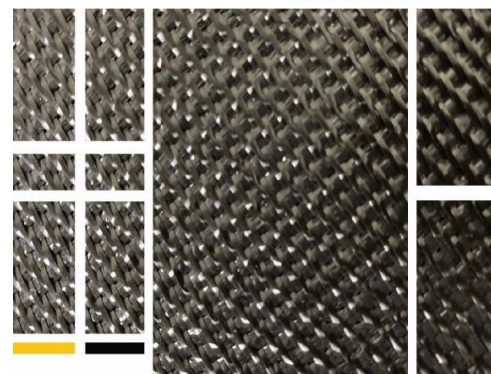
WOVEN GEOTEXTILE

FG27



Project Reference:

FG27 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. FG27 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	295 x 260 lbs	1.31 x 1.16 kN/m
Grab Elongation	ASTM D 4632	13 x 12%	
Wide Width Strength	ASTM D 4595	2,640 x 2,460 lbs/ft	38.5 x 35.9 kN/m
Wide Width Strength @2%	ASTM D 4595	480 x 588 lbs/ft	7.01 x 8.58 kN/m
Wide Width Strength @5%	ASTM D 4595	1,250 x 1,400 lbs/ft	18.3 x 20.4 kN/m
Trapezoidal Tear Strength	ASTM D 4533	110 x 130 lbs	0.49 x 0.58 kN
CBR Puncture Strength	ASTM D 6241	1,000 lbs	4.4 kN
Water Flow ³	ASTM D 4491	40 gpm/sf	1,630 l/min/sm
Permittivity ³	ASTM D 4491	0.60 Sec ⁻¹	
AOS ³	ASTM D 4751	30 US Sieve	0.60 mm
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.

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