

SKAPS M220
WOVEN GEOTEXTILE



SKAPS INDUSTRIES

335 Athena Drive,
Athens, GA 30601
Ph: (706)-354-3700
Fax: (706)-354-3737
Email: contact@skaps.com

SKAPS M220 is a superior quality, geotextile composed of high tenacity polypropylene yarns which are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. The fabric is inert to biological degradation and naturally encountered chemicals, alkalis, and acids. Polypropylene is stable within a ph range of 2 to 13.

SKAPS M220 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	ENGLISH (MARV ²)	METRIC (MARV ²)
Grab Tensile	ASTM D 4632	295 x 260 lbs	1.31 x 1.16 kN
Grab Elongation	ASTM D 4632	15%	15%
Wide Width Tensile	ASTM D 4595	2640 x 2460 lb/ft	38.5 x 35.9 kN/m
Wide Width Tensile @2%	ASTM D 4595	480 x 588 lb/ft	7.0 x 8.6 kN/m
Wide Width Tensile @5%	ASTM D 4595	1212 x 1356 lb/ft	17.7 x 19.8 kN/m
Wide Width Tensile @10%	ASTM D 4595	2340 x 2412 lb/ft	34.1 x 35.2 kN/m
Trapezoidal Tear	ASTM D 4533	125 lbs	0.56 kN
CBR Puncture Resistance	ASTM D 6241	1300 lbs	5.7 kN
Water Flow ³	ASTM D 4491	40 gpm/sf	1630 l/min/sm
Permittivity ³	ASTM D 4491	0.6 Sec ⁻¹	0.6 Sec ⁻¹
AOS ³	ASTM D 4751	30 US Sieve	0.6 mm
UV Resistance	ASTM D 4355	80/500 %/hrs	80/500 %/hrs

PACKAGING

Roll Dimensions (W x L)	15 ft x 300 ft	4.57 m x 91 m
Area Per Roll	500 yd ²	416 m ²

NOTES:

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, storage and shipping may change these properties.

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