

SKAPS HT400

WOVEN GEOTEXTILE



SKAPS INDUSTRIES

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

SKAPS woven geotextile fabrics are woven polypropylene materials offering optimum performance when used in reinforcement, stabilization and drainage applications. Produced from first quality raw materials, they provide the perfect balance of strength and separation in styles capable of functioning exceptionally well in a wide range of performance requirements. SKAPS HT400 resists ultraviolet resistance, rotting, biological degradation and it is chemically inert to any natural bases or acids. Unless indicated below, all listed properties are Minimum Average Roll Values:

PROPERTY	TEST METHOD	ENGLISH (MARV ²)	METRIC (MARV ²)
Wide Width Tensile@2%	ASTM D 4595	600 x 1070 lb/ft	8.8 x 15.6 kN/m
Wide Width Tensile@5%	ASTM D 4595	1800 x 2200 lb/ft	26.3 x 32.9 kN/m
Strain at 2% (XMD)	ASTM D 4595	53000 lb/ft	773 kN/m
Strain at 2% (MD)	ASTM D 4595	46500 lb/ft	678 kN/m
Interaction Coefficient ⁴	ASTM D 6706	0.89	0.89
Trap Tear	ASTM D 4533	120 x 130 lbs	0.534 x 0.578 kN
CBR	ASTM D 6241	1750 lbs	7.78 kN
Pore Size Distribution O ₉₅	ASTM D6767	0.460 mm	
Pore Size Distribution O ₈₅		0.400 mm	
Pore Size Distribution O ₆₀		0.340 mm	
Pore Size Distribution O ₅₀		0.280 mm	
Water Flow ³	ASTM D 4491	75 gpm/sf	3056 l/min/m ²
Permittivity ³	ASTM D 4491	0.9 Sec ⁻¹	
AOS ³	ASTM D 4751	40 US Sieve	0.425 mm
UV Resistance	ASTM D 4355	90/500 %/hrs	90/500 %/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.
4. Interaction Coefficient value is for Sand (SP) or gravel (GW) based on testing conducted by SGI Testing Services

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.



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630-293-3111
info@roadfabrics.com
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