

GEOTEX 801 is a polypropylene, staple fiber, needlepunched nonwoven geotextile manufactured at one of SI Geosolutions' facilities that has achieved ISO-9002 certification for its systematic approach to quality. The fibers are recycled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils. GEOTEX 801 conforms to the property values listed below¹ which have been derived from quality control testing performed by one of SI Geosolutions' GAI-LAP accredited laboratories:

MARV²

PROPERTY	TEST METHOD	ENGLISH	METRIC
<i>Mechanical</i>			
Grab Tensile Strength	ASTM D4632	205 lbs	900 N
Grab Elongation	ASTM D4632	50%	50%
Puncture Strength	ASTM D4633	110 lbs	485 N
Mullen Burst	ASTM D3786	350 psi	2410 kPa
Trapezoidal Tear	ASTM D4533	65 lbs	375 N
Wide Width Tensile	ASTM D4595	75 lbs/in	13.1 kN/m
<i>Endurance</i>			
UV Resistance	ASTM D4355	70%	70%
<i>Hydraulic</i>			
Apparent Opening Size (AOS)	ASTM D4751	80 US Std. Sieve	0.160 mm
Permittivity	ASTM D4491	1.50 sec ⁻¹	1.50 sec ⁻¹
Permeability	ASTM D4491	0.36 cm/sec	0.36 cm/sec
Water Flow Rate	ASTM D4491	110 gpm/ft ²	4480 l/m ² /m ²
<i>Roll Sizes</i>			
		180 in x 100 yds	4.57 m x 91.5 m

This is to certify that the above described material meets or exceeds standards set by S.C.D.O.T.

James Kidd

Notary Public
My Commission expires.....