

# Geoturf® N1000E

## Nonwoven Geotextile

A nonwoven geotextile fabric supplied by CSI Geoturf, Inc., is manufactured from polypropylene staple fiber. The fibers are randomly oriented and form a cohesive / stabilized needle punched fabric for use in many applications, such as separation, drainage, filtration, etc. This fabric has been UV stabilized and is resistant to commonly encountered chemicals, mildew and insects found in soil.

June 2015

Property	Test Method	Minimum Average Roll Value* ENGLISH	
Grab Tensile Strength	ASTM D-4632	270	lbs.
Grab Elongation	ASTM D-4632	50	%
Trapezoid Tear	ASTM D-4533	100	lbs.
Puncture (CBR)	ASTM D-6241	725	lbs.
Permittivity	ASTM D-4491	1.2	sec <sup>-1</sup>
A.O.S.	ASTM D-4751	100	U.S. Sieve
UV Stability (500 hrs)	ASTM D-4355	70	%
Water Flow Rate	ASTM D-4491	75	gpm/ft <sup>2</sup>
Notes:	- Mullen Burst ASTM D3786 removed. Not recognized by ASTM D35 on Geosynthetics. - Puncture ASTM D4833 is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241.		

The property values listed above are subject to change without notice.

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