

StrataTex Geotextile Product Data Sheet

ST-180 8.0 oz Nonwoven Geotextile

STRATA ST-180 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. STRATA ST-180 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. STRATA ST-180 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D 5261	oz/yd ² (g/m ²)	8.0 (271)
Grab Tensile	ASTM D 4632	lbs (kN)	205 (.911)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	85 (.378)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	535 (2.38)
Permittivity*	ASTM D 4491	sec ⁻¹	1.35
Water Flow*	ASTM D 4491	gpm/sf (l/min/sm)	90 (3657)
AOS*	ASTM D 4751	US Sieve (mm)	80 (.180)
UV Resistance	ASTM D 4355	%/hrs	70/500

* At the time of manufacturing. Handling, storage and shipping may change these properties.

PACKAGING	
Roll Dimensions (W x L) – Feet	12.5 x 360 / 15 x 300
Square Yards Per Roll	500
Estimated Roll Weight - Lbs	250

This information is provided for reference purposes only and is not intended as a warranty or guarantee. STRATA assumes no liability in connection with the use of this information.



Strata Systems, Inc.
1831 N Park Ave, Burlington, NC 27217
Phone: 800-680-7750
Fax: (336) 226-8133
www.geogrid.com

Made in U.S.A.