

StrataTex Geotextile Product Data Sheet

ST-170 7.0 oz Nonwoven Geotextile

STRATA ST-170 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. STRATA ST-170 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. STRATA ST-170 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)	7.0 (237)
Grab Tensile	ASTM D 4632	lbs (kN)	180 (.80)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	75 (.333)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	475 (2.11)
Permittivity*	ASTM D 4491	sec ⁻¹	1.4
Water Flow*	ASTM D 4491	gpm/sf (l/min/sm)	100 (4074)
AOS*	ASTM D 4751	US Sieve (mm)	70 (.212)
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	220

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.



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