

Landscape **Depot Inc.** **Erosion Control Supplies**

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Geotextile Product Description Sheet **4.0 Nonwoven Geotextile**

4.0 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. 4.0 nonwoven resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids.

Polypropylene is stable within a pH range of 2 to 13. Conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D5261	oz/yd ² (g/m ²)	4.0 (136)
Grab Tensile	ASTM D4632	lbs (kN)	100 (0.445)
Grab Elongation	ASTM D4632	%	50
Trapezoid Tear Strength	ASTM D4533	lbs (kN)	50 (.222)
Puncture Resistance	ASTM D4833	lbs (kN)	65 (.289)
Permittivity*	ASTM D4491	sec ⁻¹	2.0
Water Flow*	ASTM D4491	gpm/ft ² (l/min/m ²)	140 (5689)
A.O.S*	ASTM D4751	U.S. Sieve (mm)	70 (.212)
UV Resistance	ASTM D4355	%/hrs	70/500

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

PACKAGING

Roll Dimensions (W x L) – ft 12.5 x 360 / 15 x 300 Square Yards Per Roll 500
 Estimated Roll Weight - lbs 146

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