



Product Data Sheet

Nonwoven Geotextiles

PG100

PG100 is a nonwoven geotextile produced by needle punching 100% synthetic staple fibers in a random network to form a dimensionally stable fabric. The synthetic fibers are specially formulated to resist ultraviolet light deterioration and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. PG100 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Grab Tensile	ASTM D 4632	lbs	250 (1.11 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs	100 (.444 kN)
CBR Puncture	ASTM D 6241	lbs	650 (2.89 kN)
Permittivity	ASTM D 4491	1/sec	1.1
Water Flow	ASTM D 4491	gpm/sqft	80 (3251 l/min/sm)
AOS	ASTM D 4751	U.S. Sieve	100 (.150mm)
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70

Packaging	
Roll Dimensions-Feet	12.5x360/15 x 300
Square Yards Per Roll	500
Estimated Roll Weight-Lbs.	320

Notes:

1. Property values listed above are effective 01/12/2019 and or subject to change without notice.
2. There may be some variation in above values due to various factors when tested at other laboratory.
3. Minimum average roll values (MARV) are calculated as the typical minus two deviations. Values represent testing at the time of manufacture. PG100 conforms to the Minimum Average Roll Values (MARV) 97.7%.
4. Maximum average roll value

Disclaimer: Par Global assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. Par Global disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

Par Global
 5005 Cameron Forest Parkway
 Johns Creek, GA 30022
 770-544-7392

www.parglobal.us

2019