



PG1

Polyurea Geotextile



PG1 is a heavy weight, nonwoven needlepunched geotextile made of 100% polypropylene staple filaments. PG1 resists ultraviolet and biological deterioration, rotting, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. US Fabrics' PG line of nonwoven polyurea geotextiles are specifically manufactured to perform at the highest level when sprayed with polyurea, providing the optimum surface finish for accepting the polyurea in a uniform manner from edge to edge. PG1 meets the following M.A.R.V. values except where noted:



PROPERTY	TEST METHOD	ENGLISH	METRIC
Grab Tensile Strength	<u>ASTM D-4632</u>	380 lbs	1,691 N
Elongation @ Break	<u>ASTM D-4632</u>	60 %	60 %
CBR Puncture	<u>ASTM D-6241</u>	1,080 lbs	4,806 N
Trapezoidal Tear	<u>ASTM D-4533</u>	145 lbs	645 N
UV Resistance @ 500 Hours	<u>ASTM D-4355</u>	70 %	70 %

PG1 Shipping & Packaging Information

SIZE	DIAMETER	WIDTH	WEIGHT	AREA	ROLLS PER TRAILER
15.5' x 150'	18"	15.5'	280 lbs	258.33 y ²	99

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