



6 OZ NON-WOVEN GEOTEXTILE

TECHNICAL SPECIFICATIONS PRODUCT DATA SHEET

6oz non-woven geotextile is the AASHTO standard for ground stabilization for beneath roads and highways. This heavy duty, polypropylene fabric is ideal for heavy duty infrastructure installations such as for highway and building foundations. Made from polypropylene fibers, it is resistant to rotting, biological deterioration, UV breakdown, and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	TEST RESULT	TEST RESULT METRIC
Tensile Strength (GRAB)	ASTM D4632	160 x 160 lbs	711 x 711 N
Enlongation (GRAB)	ASTM D4632	50% x 50%	50% x 50%
Trapezoidal Tear strength	ASTM D4533	60 x 60 lbs	267 x 267 N
CBR Puncture	ASTM D6241	410 lbs	1,825 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size*	ASTM D4751	70 US Std. Sieve	0.212 mm
Permittivity	ASTM D4491	1.4 sec ⁻¹	1.4 sec ⁻¹
Water Flow Rate	ASTM D4491	105 gpm/ft ²	4,276 lpm/m ²

*Maximum Average Roll Value

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