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ERS 800N

Nonwoven Geotextile

ERS 800N is a needlepunched nonwoven geotextile manufactured using polypropylene fibers that are formed into a dimensionally stable network, which allows the fibers to maintain their relative position.

ERS 800N resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV English	MARV Metric
Tensile Strength (Grab)	ASTM D4632	205 x 205 lbs	912 x 912 N
Elongation	ASTM D4632	50%	50%
CBR Puncture	ASTM D6241	525 lbs	2336 N
Trapezoidal Tear	ASTM D4533	80 x 80 lbs	356 x 356 N
UV Resistance (500 hrs)	ASTM D4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D4751	80 US Std. Sieve	0.18 mm
Permittivity	ASTM D4491	1.3 sec ⁻¹	1.3 sec ⁻¹
Water Flow Rate	ASTM D4491	90 gpm/ft ²	3667 lpm/m ²

*Maximum Average Roll Valve

Notes:

·Mullen Burst ASTM D3786 has been removed. It is not recognized by ASTM D35 on Geosynthetics.

·Puncture ASTM D4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D6241

PROPERTY	Typical English	Typical Metric
Roll Dimensions	12.5 x 360 ft 15 x 300 ft	3.81 x 109.8 m 4.6 x 91.5 m
Roll Area	500 yd ²	418 m ²

ERS Materials, LLC (ERS) Warranty: ERS warrants our products to be free from defects in material and workmanship when delivered to our customers and that our products meet our published specifications. If a product is found to be defective, and our customer gives notice to ERS before installing the product, ERS will replace the product without charge to our customer or refund the purchase price at ERS election. Replacing the product or obtaining a refund are the buyer's sole remedy for a breach and ERS will not be liable for any consequential damage attributed to a defective product. This warranty is given in lieu of all other warranties, express or implied, including the implied warranty of merchantability or fitness for a particular purpose. There are no warranties, which extend beyond the description provided herein.