ERS 350N
Nonwoven Geotextile

ERS 350N 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 350N 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 D-4632	90 x 90 lbs	401 x 401 N
Elongation	ASTM D-4632	50%	50%
CBR Puncture	ASTM D-6241	260 lbs	1157 N
Trapezoidal Tear	ASTM D-4533	40 x 40 lbs	178 x 178 N
UV Resistance (500 hrs)	ASTM D-4355	70%	70%
Apparent Opening Size (AOS)*	ASTM D-4751	50 US Std. Sieve	0.30 mm
Permittivity	ASTM D-4491	2.0 sec $^{-1}$	2.0 sec $^{-1}$
Water Flow Rate	ASTM D-4491	150 gpm/ft^2	6112 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 360 ft	3.81 x 109.8 m 4.6 x 109.8 m
Roll Area	500 yd^2 600 yd^2	418 m^2 502 m^2