ERS 570HP

ERS 570HP is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.

ERS 570HP 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	475 x 440 lbs.	2114 x 1958 N
Elongation (Grab)	ASTM D4632	12% x 12%	12% x 12%
Trapezoidal Tear Strength	ASTM D4533	180 x 180 lbs.	801 x 801 N
CBR Puncture	ASTM D6241	2,200 lbs.	9,786.1 N
Wide Width Tensile (Ultimate)	ASTM D4595	4,800 x 4,800 lbs/ft	70 x 70 kN/m
Wide Width Tensile @ 2% Strain	ASTM D4595	1,050 x 1,320 lbs/ft	14 x 19.3 kN/m
Wide Width Tensile @ 5% Strain	ASTM D4595	2,400 x 3,000 lbs/ft	35 x 43.8 kN/m
UV Resistance (500 hrs.)	ASTM D4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D4751	30 US Std. Sieve	0.60 mm
Permittivity	ASTM D4491	0.50 sec^{-1}	0.50 sec^{-1}
Water Flow Rate	ASTM D4491	30 gpm/ft^2	$1,222 \text{ lpm/m}^2$
* Maximum Average Roll Valve			

PROPERTY	TYPICAL (ENGLISH)	TYPICAL (METRIC)
Roll Dimensions	15 x300 ft.	4.6 x 91.5 m
Roll Area	500 yd^2	418 m^2