

# HSP2

## Woven Geotextile for Soil Stabilization

HSP2 is manufactured using high tenacity polypropylene yarns woven to form a dimensionally stable network. It has been stabilized to resist degradation due to ultraviolet exposure and is resistant to commonly encountered mildew, insects, and soil chemicals, and is non-biodegradable. The high strength and flow rate of HSP2 makes it ideal for construction of embankments over soft soils, steepened slopes, and retaining walls. Polypropylene is stable with a pH range of 2 to 13.

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Geotextile Property	Test Method	Minimum Average Roll Values
Grab Tensile Strength	ASTM D4632	315 Lbs
Grab Tensile Elongation	ASTM D4632	15 %
CBR Puncture Strength	ASTM D6241	1000 Lbs
Wide Width Tensile Strength	ASTM D4595	2400 Lbs/ft
Wide Width Strength @ 5%	ASTM D4595	1272 x 1440 Lbs/ft
Trapezoid Tear Strength	ASTM D4533	125 Lbs
UV Resistance @ 500 Hours	ASTM D4355	70 %
AOS	ASTM D4751	40 Sieve
Permittivity (sec <sup>-1</sup> )	ASTM D4491	0.7 sec <sup>-1</sup>
Flow Rate	ASTM D4491	50 gpm/ft <sup>2</sup>

*Results quoted above are the mean of multiple tests conducted at an independent testing facility. HSP2 meets or exceeds values listed.*

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### Packaging

Roll Width	15 ft.
Roll Length	300 ft.
Roll Area	500 sy

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