

Ultra-Dewatering Bag

Reusable Model

Material Specifications

HSP2

Woven High Strength Polypropylene Geotextile

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 make it ideal for construction of embankments over soft soils, steepened slopes and retaining walls.

Property	Test Method	Min Avg. Roll Values
Grab Tensile Strength	ASTM D4632	315 x 315 Lbs
Elongation	ASTM D4632	15%
Wide Width Tensile Strength	ASTM D4595	2400 x 2400 Lbs/ft
Wide Width Elongation	ASTM D4595	12 x 8%
Wide Width Tensile Strength At 5% strain	ASTM D4595	774 x 1404 Lbs/ft
Puncture Strength	ASTM D4833	1400 Lbs
Trapezoid Tear Strength	ASTM D4533	125 x 125 Lbs
UV Resistance (at 500 hrs)	ASTM D4355	80%
Apparent Opening Size (AOS)	ASTM D4751	40 US Sieve
Permittivity (sec-1)	ASTM D4491	0.70 sec-1
Water Flow Rate	ASTM D4491	50 gpm/ft2
Values quoted above are the result of multiple tests conducted at an independent testing facility. HSP2 meets or exceeds values listed.		
Mullen burst ASTM D-3786 and Puncture ASTM D-4833 are no longer tested for Geosynthetics. Puncture ASTM D-4833 has been replaced with CBR Puncture ASTM D-6241.		
Packaging		
Roll Width/Length	15 ft x 300 ft	
Roll Area	500 yd2	

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